Twelve Beautiful

DESIGNS

FOR

FARM-HOUSES,

With their proper

OFFICES and ESTIMATES

OF THE

Whole and every diſtinct BUILDING ſeparate;

WITH THE

MEASUREMENT, and VALUE of each particular ARTICLE,

Adapted to the

Cuſtomary MEASUREMENTS of moſt Part of *ENGLAND*,

But more particularly for the following Counties, *viz.*

MIDDLESEX, SURRY, ESSEX, KENT, SUSSEX, HAMPSHIRE, HERTFORDSHIRE, CAMBRIDGESHIRE, BERKSHIRE, BUCKINGHAMSHIRE, OXFORDSHIRE, WILTSHIRE, GLOUCESTERSHIRE, SOMERSETSHIRE, *&c.*

Uſeful for GENTLEMEN, BUILDERS, *&c.*

By *WILLIAM HALFPENNY*, Carpenter and Architect.

LONDON:

Printed for R. SAYER, Printſeller in *Fleet-ſtreet*, and ſold by J. BRINDLEY, Bookſeller to his Royal Highneſs the Prince of *Wales*, in *Bond-ſtreet*; Mr. HEATH, Mathematical Inſtrument-Maker, in the *Strand*; Mr. BOWLES in *St. Paul's Church-Yard*; and Mr. WARE on *Ludgate-Hill*. M.DCC.L.

30
58
JUN

PREFACE.

AS it is a prevailing Cuſtom to ſay ſomething by Way of Preface, I am conformable thereto; but muſt confeſs I ſee no Neceſſity for ſo doing in Works of this Nature, becauſe every Man of common Senſe, who reads the Title Page, will undrſtand the Whole at one View.

To write a Diſſertation upon the Original and Neceſſity for Building, is much like telling Mankind the Sun cauſes Light, and to ſpeak either for or againſt Authors, is often look'd upon as Flattery or Impertinence.

All I ſhall ſay, I've been importun'd to make a Collection of uſeful Farm-Houſes by ſeveral Gentlemen and Builders in the different Counties mentioned in the Title Page, and hope they and the Publick may find them anſwer the Purpoſe for which I deſign'd them for, the chiefeſt of my Wiſhes being to be ſerable to my Country.

William Halfpenny.

Books and Prints ſold by Mr. *Sayer*, Mr. *Brindley*, Mr. *Heath*, Mr. *Bowles*, and Mr. *Ware*.

1. A New and Compleat Syſtem of Architecture Delineated, in a Variety of Plans and Elevations of Deſigns for convenient and decorated Houſes. Together with Offices and Out-buildings proportioned thereto, and appropriated to the ſeveral Uſes and Situations required. As alſo an Eſtimate of each by the great Square. Prefix'd to theſe are ten different Sorts of Piers, with Gates of various Compoſitions ſuitable to the ſame; intended for Entrances to Courts, Gardens, *&c.* As alſo new Architectonic Rules for drawing the Members in all Kinds and Proportions of the Orders. The Whole compriſed on 47 Copper-Plates, with Explanations thereto in common Preſs-Work. Price bound 10 *s.* 6 *d.*

2. Magnum in Parvo; or, The Marrow of Architecture. Shewing how to draw a Column with its Baſe, Capital, Entablature, and Pedeſtal; and alſo an Arch of any of the five Orders, and duly limit the Riſe and Projection of every one, even the ſmalleſt Member, according to the Proportions laid down by the moſt celebrated PALLADIO, to the utmoſt Degrees of Exactneſs and Speed poſſible; ſo plain and ſo eaſy, that a young Gentleman, though an utter Stranger to the Art, may apprehend the Whole, by ſeeing only one Example wrought. In a Method entirely new. Price bound 4 *s.*

3. Arithmetick and Meaſurement, improv'd by Examples and plain Demonſtrations: Wherein are laid down, the different cuſtomary Perches, and other Meaſures, uſed in the ſeveral Parts of *Great-Britain* and *Ireland*. Suitable to all Artiſts, but more eſpecially thoſe who are employed in Building, Gardening, ſurveying Land, *&c.* To which is added, the Uſe of an Inſtrument (engrav'd on a Copper-Plate) call'd a Tangent Rule, for the taking any given Diſtance within a Quarter of a Mile. Illuſtrated with a great Variety of uſeful Cuts. Price bound 2 *s.* 6 *d.*

4. Practical Architecture; or, A ſure Guide to the true Working according to the Rules of that Science: Repreſenting the five Doors, with their ſeveral Doors and Windows. Taken from INIGO JONES, and other celebrated Architects. To each Plate Tables, containing the exact Proportions of the ſeveral Parts, are likewiſe fitted. Very uſeful to all true Lovers of Architecture, but particularly ſo to thoſe who are engag'd in the noble Art of Building. The fifth Edition. Price bound 3 *s.* 6 *d.*

5. The Practical Surveyor: Containing, the moſt proper Methods for ſurveying the Lands and Waters, by the ſeveral Inſtruments now in Uſe: Particularly exemplified with the common and new Theodolites. And alſo how to plot and caſt up ſuch Surveys, with the Manner of adorning the Maps thereof. To which are added, ſome Uſes of the new Theodolite, *viz.* In drawing the perſpective Appearance of Buildings, *&c.* in levelling, for the conducting of Water, and in taking the Dimenſions of ſtanding Timber. Together with the Deſcription and Uſe of an improved Sliding-Rule for Timber, *&c.* an univerſal Dial, a meaſuring Wheel, and the Pantographer, for copying of Drawings. Firſt publiſhed in part, by JOHN HAMMOND; ſince enlarged, by SAMUEL WARNER; and now reviſed, corrected, and greatly augmented. The third Edition. Price bound 4 *s.*

6. A Beautiful Repreſentation of the Fire-Works, as was exhibited in the *Green Park*, on account of the late Peace. Printed upon an Imperial Sheet of Paper. Price 1 *s.*

7. A Perſpective View of *Ratcliffe* Library in *Oxford*. Price 1 *s.*

8. A Perſpective View of the ſunk Pier, and the two adjoining Arches, at *Weſtminſter*, is humbly offer'd to the Conſideration of the Right Honourable and Honourable the Commiſſioners; in which is laid down the moſt probable Method of taking off Three-fourths of its preſent Burden, without prejudicing in the leaſt its original Deſign. Price 6 *d.*

N. B. All the before-mentioned by WILLIAM HALFPENNY, Architect and Land Surveyor.

9. A fine Proſpect of *Windſor* Caſtle, with the Eaſt, Weſt, North and South of the ſame. Finely executed. Price 8 *s.*

10. A Perſpective View of the new Bridge, *Weſtminſter*. Price 1 *s.* 6 *d.*

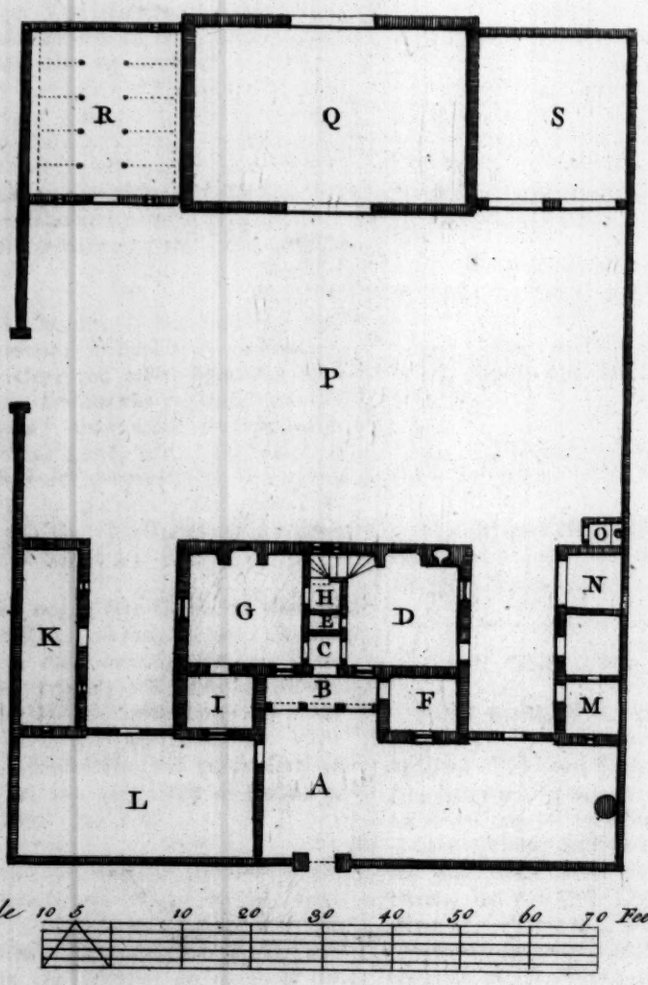
11. A moſt beautiful Proſpect of the City of *London*, taken from under one of the Center Arches of *London-Bridge*. Price 1 *s.* 6 *d.*

There is now printing by Subſcription,

Rural Architecture: Conſiſting of Deſigns, of Plans, and Elevations for Buildings in the Country. Appropriated to different Uſes and Situations. In which the Purity and Simplicity of the Art of Deſigning, is variouſly exemplified, on fifty Copper-Plates, in Quarto. The Price to Subſcribers is One Guinea, half to be paid at the Time of ſubſcribing, the other Half to be paid upon the Delivery of a Book in Sheets, on the firſt Day of *May*, 1750. By ROBERT MORRIS, Surveyor, at his Houſe in *Hyde-Park-Street*, *Groſvenor-Square*, where Subſcriptions are taken in, and Impreſſions of the Work may be ſeen, and by the above-named Bookſellers.

Plate 1.

A Plan and Elevation for the County's of Middlesex, Essex, Surry, Kent &c.



Scale 10 5 10 20 30 40 50 60 70 Feet

Wm. Halfpenny Invt.

PLATE I.

THIS Plate repreſents the Plan and Elevation of a Farm-Houſe, whoſe Eſtimate is calculated by the cuſtomary Prices of the Counties therein mentioned.

REFERENCES.

	Feet	Inches		Feet	Inches
A, Court Yard	51	0	by	17	0
B, Sheded Paſſage	15	2		4	0
C, Entrance	4	6		4	6
D, Kitchen	16	0		16	0
E, Cupboard	4	6		3	0
F, Dairy	10	0		8	0
G, Parlour	16	0		16	0
H, Pantry	4	6		4	6
I, Cloſet	10	0		8	0
K, Calf-houſe	25	6		8	0
L, Garden	33	0		17	0
M, Hog-ſtye	17	0		8	0
N, Shed	8	0		8	0
O, Bog-houſe	4	6		3	6
P, Barn-yard	86	0		47	0
Q, Barn	40	0		25	0
R, Stable	23	0		21	6
S, Cow-houſe	23	0		21	6

N. B. A Cellar is intended under the Kitchen, Pantry, and Entrance, cover'd with an Arch of Brick; its Height in the Clear to be 6 Feet 6 Inches, to be come at by a Pair of Stairs from the Parlour; the firſt Story is 9 Feet 6 Inches high, and the ſecond the ſame.

Two Garrets is intended in the Roof, incloſed from the Stairs by ſlit and whole Deal Partitions; alſo Lofts over the Stable and Cart-houſe, 7 Feet high from the Floor to the Beam.

The Thickneſs of the ſeveral Walls.

The Walls of the Parlour and Kitchen two Bricks, and thoſe of the Chambers, Cloſet, and Dairy, one Brick and Half; all the ſmall Out-buildings, and Mound Walls, are one Brick and Half; the Barn up to the Wall-Plate two Bricks; the Walls of the Stable and Cart-houſe is two Bricks, and thoſe of the Lofts over them one Brick and Half; and all the Gable-Ends one Brick thick.

Eſtimate of the Dwelling-houſe only.

	l.	*s.*	*d.*
To digging the Cellars, and for the Foundations,	1	17	0
18 Rod of Brick Walls reduc'd to one Brick and Half thick, of place Bricks, and good Mortar, at 5 *l.* 10 *s.* *per* Rod,	99	0	0
35 Yards of gray Stock Brick on Edge Pavement, in the Cellar, at 1 *s.* 10 *d.* *per* Yard,	3	4	2
48 Yards of Clay Brick on Edge Pavement, in the Kitchen, Pantry, Paſſage, and Dairy, at 3 *s.* 8 *d.* *per* Yard,	8	16	0
10 Steps of Brick, and Oak Quarter Binders, Leading to the Cellar, at 2 *s.* 6 *d.* each,	1	5	0
17 Square and Half of plain Tiling, at 1 *l.* 6 *s.* *per* Square,	22	15	0
To a Center for the Arch of the Cellar,	0	15	0

	£.	s.	d.
3 Square and one Third of Ground Joiſt of Oak, ſcantling 4 Inches by 3 Inches, and red whole Deal Floor Boarding, in the Parlour and Cloſet, at 2 *l.* 15 *s. per* Square,	9	3	4
12 Square and one Half of Fir Joiſt, ſcantling 8 Inches by 2 Inches and an Half, and red whole Deal Floor Boarding, in the Chambers and Garrets, at 2 *l.* 15 *s. per* Square,	34	7	6
3 Square and one Fifth of red Fir Roofing over the Cloſet and Dairy, ſcantling of Rafters 4 Inches by 3 Inches, Wall-Plates 5 Inches by 3 Inches, at 20 *s. per* Square,	3	4	0
2 Square and an Half of Cieling Joiſt to *ditto*, of red Fir, ſcantling 4 Inches by 3 Inches, at 18 *s. per* Square,	2	5	0
1 Square of red Fir Roofing over the Paſſage, ſcantling of the Rafters 4 Inches by 3 Inches, Wall-Plates 6 Inches by 4 Inches, at 22 *s. per* Square,	1	2	0
14 Square of red Fir Roofing, ſcantling of principle Rafters 8 Inches by 3 Inches and an Half, Collar Beams 6 Inches by 3 Inches and an Half, Purlines 5 Inches by 4 Inches, Wall-Plates 6 Inches by 3 Inches, ſmall Rafters 4 Inches by 3 Inches, over the Body of the Houſe, at 30 *s. per* Square,	21	0	0
4 Square of Cieling Joiſt and Aſhlers, ſcantling 4 Inches by 3 Inches, at 18 *s. per* Square,	3	12	0
4 Oak Poſts, ſcantling 6 Inches by 6 Inches, to ſupport the cover'd Paſſage, at 7 *s.* 6 *d.* each,	1	10	0
6 Square and an Half of quarter'd Partitions, ſcantling 4 Inches by 3 Inches, at 16 *s. per* Square,	5	4	0
3 Outſide Door-Frames of Oak beaded, 7 Feet by 3 Feet 2 Inches in the Clear, ſcantling 5 Inches and an Half by 4 Inches, at 12 *s.* each,	1	16	0
1 Door-Frame of Oak, 6 Feet 6 Inches by 3 Feet in the Clear, ſcantling 4 Inches and an Half by 3 Inches and an Half to the Cloſet,	0	8	6
3 Outſide Doors of red whole Deal, ledg'd and batten'd, at 15 *s.* each,	2	5	0
7 Inſide Doors of red whole Deal ledg'd, at 10 *s.* 6 *d.* each,	3	13	6
8 Red whole Deal Window-Boards and Blocks,	0	10	0
3 Single light Window-Frames of Oak, ſcantling 4 Inches by 3 Inches, at 2 *s.* 9 *d.* each,	0	8	3
8 Tranſum Window-Frames of Oak, ſcantling 4 Inches by 3 Inches, at 9 *s.* each,	3	12	0
2 Two-light Luthren Windows of Oak, ſcantling 4 Inches by 3 Inches, with Quarters and Cheek-boards, at 11 *s.* each,	1	2	0
13 Yards of ſlit and whole Deal Partitions in the Garret, at 2 *s. per* Yard,	1	6	0
32 Steps of Stairs of red whole Deal, with proper Bearers, at 2 *s.* 6 *d.* each,	4	0	0
To Dreſſers, Shelves, Racks, *&c.* in the Kitchen, Pantry, and Dairy,	2	15	0
Bond Timbers and Lintols,	1	0	0
240 Yards of Lath and plaiſter'd Cielings, at 7 *d.* Half-penny *per* Yard,	7	10	0
435 Yards of rendering Wall, at 3 *d.* Half-penny *per* Yard,	7	13	1
110 Feet of leaded Glaſs, at 7 *d. per* Foot,	3	4	2 ½
Iron Caſements, Hinges, Locks, Latches, *&c.*	3	15	0
To painting 8 tranſum Window-Frames three Times in Oil,	0	8	0
3 Single light Frames, *ditto*,	0	1	6
2 Luthren Windows and Cheeks, *ditto*,	0	4	0
56 Yards of Painting, *ditto*, at 6 *d. per* Yard,	1	8	0

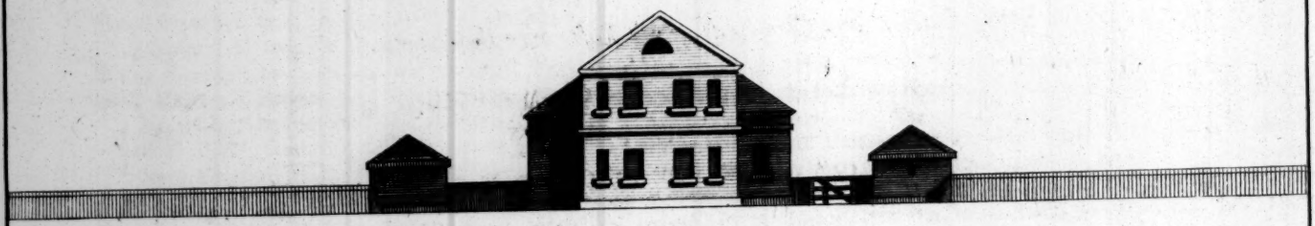
Total Coſt to the Body of the Houſe, — 266 *l.* 0 *s.* 0 *d.* ½

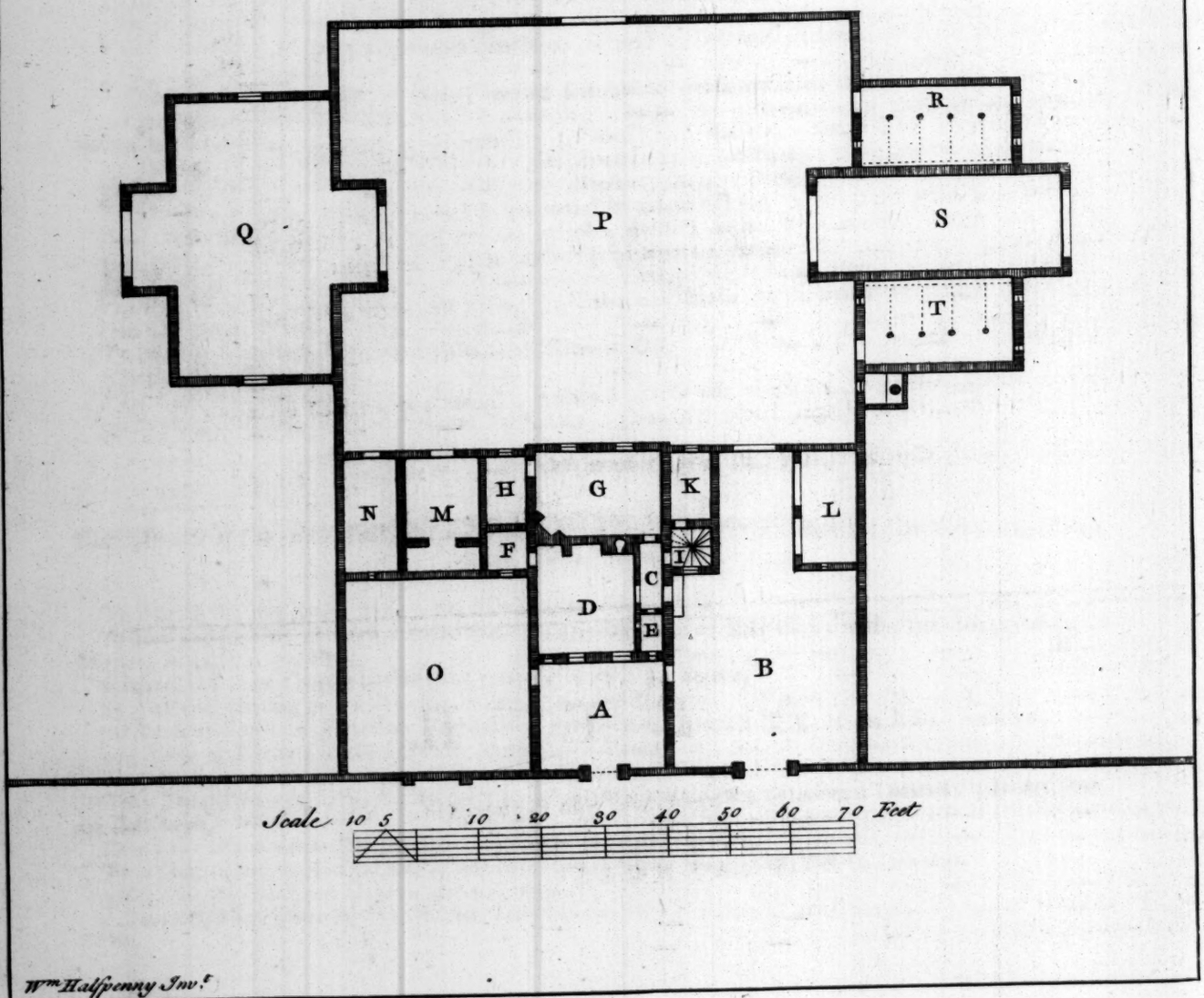
The Eſtimate of the ſmall Buildings mark'd in the Plan K M N O, *with the Court* A, *and Well, Mound Walls, Gates,* &c.

To digging the Bog-houſe, and for the Foundations of the Walls,	1	10	0
10 Rod and an Half of Brick-Walls reduc'd to one Brick and an Half thick, with Place-Bricks and good Mortar, at 5 *l.* 5 *s. per* Rod,	55	2	6
6 Square and three Fourths of Pantiling pointed, at 18 *s. per* Square,	6	1	6
15 Yards of Pitching in the Hog-ſtye, at 15 *d. per* Yard,	0	18	9
29 Yards of Stock-brick on Edge Pavement in the Buildings, mark'd K N, at 1 *s.* 10 *d. per* Yard,	2	13	2
103 Yards of Pitching in the Court A, at 15 *d. per* Yard,	6	8	9
To a Well,	15	0	0
To a Door-Frame of Oak, 6 Feet by 3 Feet 2 Inches in the Clear, ſcantling 4 Inches by 4 Inches, for the Calf-houſe,	0	8	3
To a Door of red whole Deal ledg'd, with Hinges and Latch to *ditto*,	0	12	0
To a Gate of red whole Deal ledg'd, and two Poſts of Oak, Hinges, *&c.* for the Hog-ſtye,	0	18	0
3 *Ditto* for the Court and Garden, at 20 *s.* each,	3	0	0
1 *Ditto* ledg'd and batten'd, and the Poſts headed to the front Entrance of the Court,	1	6	0

Plate 2

A Plan and Elevation for the County's of Middlesex, Essex, Surry, Kent &c.





Wm Halfpenny Inv.t

	£.	s.	d.
To a Five-Bar Gate, with Posts and Spurs of Oak, Hinges, and Staple, — — —	1	10	0
7 Square of Roofing of red Furr, the scantling of Rafters 4 Inches by 3 Inches, Wall-Plates 5 Inches by 3 Inches, Collars of whole Deal, at 24 *s.* *per* Square. — — — —	8	8	0
A Floor, Seat, Door, and Frame, with Hinges and Bolt to the Bog-house, — — —	1	10	0
38 Yards of Outside Painting three Times in Oil, at 6 *d.* *per* Yard, — — —	0	19	0

The Expence of the small Buildings, mark'd K M N O, Mound Walls, Gates, *&c.* — 106 *l.* 5 *s.* 11 *d.*

The Estimate of the Barn, Stables, and Cow-house, with Lofts over the latter.

	£.	s.	d.
23 Rod of Brick Walls reduc'd to one Brick and Half thick, of Place-Brick and good Mortar, at 5 *l.* 8 *s.* *per* Rod, — — — — — — — —	126	18	0
110 Yards of Pitching in the Stable, and Cow-house, at 15 *d.* *per* Yard, — — —	6	7	6
3 Square and one Eighth of Barn-flooring, the Joist of Oak, scantling 4 Inches by 4 Inches, with red Fir Plank 2 Inches and an Half thick, at 4 *l.* 2 *s.* *per* Square, — — — —	12	16	3
17 Square and one Fifth of Roofing of red Fir, Scantlings of Beams 12 Inches by 8 Inches, principal Rafters 10 Inches by 5 Inches and an Half, Collar-Beams 8 Inches by 5 Inches, Prick-posts 5 Inches by 5 Inches, King-posts 8 Inches by 5 Inches, Purlines 4 Inches and an Half by 4 Inches and an Half, Wall-Plates 6 Inches by 4 Inches and an Half, small Rafters 4 Inches by 3 Inches over the Barn, at 2 *l.* 4 *s.* *per* Square, — — — — — — — —	37	16	9 ½
2 Door-Frames of Oak set on Stone Basis, 14 Feet by 12 Feet in the Clear, scantling 8 Inches by 6 Inches, at 25 *s.* each, — — — — — —	2	10	0
2 Pair of Doors of one Inch and an Half red Deal Doors braced and bottom Boards, 2 Feet 6 Inches high, with Hinges, Bar, Staples, *&c.* — — — — —	8	0	0
11 Square of naked Flooring of red Fir, with thorough Joist, scantling 7 Inches by 3 Inches, with a bearing Beam, 12 Inches by 10 Inches, under each Floor, at 34 *s.* *per* Square, — —	18	14	0
11 Square of red whole Deal Floor-boarding to *ditto*, at 25 *s.* *per* Square, — — —	13	15	0
17 Square and an Half of Roofing over *ditto* of red Fir Beams 8 Inches by 8 Inches, principal Rafters 9 Inches by 5 Inches, Collar Beams 7 Inches by 5 Inches, Purlines 4 Inches and an Half by 4 Inches and an Half, Wall-Plates 6 Inches by 4 Inches, small Rafters 4 Inches by 3 Inches, at 34 *s.* *per* Square, —	29	15	0
35 Square and an Half of Pantiling pointed, at 18 *s.* *per* Square, — — —	31	19	0
To an Oak Door-Frame, 8 Feet by 4 Feet in the Clear, and a ledg'd Door of red whole Deal, with Hinges, Lock, and Latch, — — — — —	1	10	0
48 Feet running of Rack and Manger, at 4 *s.* *per* Foot, — — — —	9	12	0
12 Cow-stalls, — — — — — — —	9	12	0
2 Loft Door-Frames of Oak, 6 Feet by 4 Feet in the Clear, scantling 4 Inches and an Half by 4 Inches, with red whole Deal Doors ledg'd, Hinges, Lock, *&c.* at 25 *s.* each. — — —	2	10	0
The Expence of the Barn, Stable, Cow-house, and Lofts over the latter, *&c.* — 311 *l.* 15 *s.* 6 *d.* ½			
Total Expence of the whole Buildings, — £.	684	1	6

PLATE II.

THIS Plate represents the Plan and Elevation of a Farm-House, with its proper Offices, whose Estimate is calculated by the customary Prices of the Counties therein mentioned.

REFERENCES.

	Feet	Inches		Feet	Inches
A, Front Court — — — —	20	0	by	17	0
B, Common, *ditto* — — — —	31	0		30	0

C, Passage

	Feet	Inches	Feet	Inches
C, Paſſage	11	0	4	0
D, Kitchen	18	0	15	8
E, Cupboard	6	6	4	0
F, Pantry	6	6	6	6
G, Parlour	20	0	15	0
H, Cloſet	11	0	6	6
I, Stairs	6	6	6	6
K, Dairy	11	0	6	6
L, Shed	18	6	9	0
M, Hog-ſtye	18	6	12	6
N, Shed	18	6	9	0
O, Garden	31	0	30	0
P, Barn-yard	82	0	68	0
Q, Barn	44	0	25	0
R, Stable	24	0	14	0
S, Cart or Cow-houſe	39	0	15	0
T, Stable	24	0	14	0
V, Bog-houſe	5	0	4	0

N. B. A vaulted Cellar is intended under the Kitchen and Paſſage, and Lofts over the Stables and Cart-houſe.

The Thickneſs of the ſeveral Walls.

The Cellar-Walls and the Fronts of the firſt Story of the Parlour and Kitchen, and the firſt Story of the Cart-houſe, to be 2 Bricks, and all the other Walls to be one Brick and an Half, except the vaulted Cellar and Gable-Ends, which are no more than one Brick's Length in Thickneſs.

Eſtimate of the Dwelling-Houſe alone.

	L.	*s.*	*d.*
To dig the Cellar, and for the Foundations,	2	0	0
020 Rod of Brick Walls reduced to one Brick and an Half thick of Place-Bricks, and good Mortar, at 5*l.* 10*s. per* Rod,	110	0	0
10 Brick Steps, and Oak Quarter Binders to the Cellar, at 2*s.* 6*d.* each,	1	5	0
046 Yards of Clay Brick on Edge Pavement in the Kitchen and Pantry, at 3*s.* 8*d. per* Yard,	8	8	8
045 Yards of Stock-Brick on Edge Pavement in the Cellar, at 1*s.* 10*d. per* Yard,	4	2	6
08 Yards of 10-Inch Tile Pavement in the Dairy, at 2*s.* 4*d. per* Yard,	0	18	8
16 Square of plain Tiling, at 1*l.* 6*s. per* Square,	20	16	0
To a Center to turn over the Arch of the Cellar,	1	0	0
3 Square and Three-fourths of Ground Joiſt of Oak, ſcantling 4 Inches by 3 Inches, and red whole Deal Floor-boarding to the Parlour and Cloſet, at 2*l.* 15*s. per* Square,	10	6	3
11 Square and Three-fourths of Flooring, the Joiſt red Fir, ſcantling 8 Inches by 2 Inches and an Half, and red whole Deal Floor-boarding in the Chambers and Garrets, at 2*l.* 15*s. per* Square,	32	6	3
5 Square of Cieling Joiſt and Aſhlers of red Fir, ſcantling 4 Inches by 3 Inches, in the Garrets, at 18*s. per* Square,	4	10	0
16 Square of Roofing of red Fir, ſcantling of the Rafters 4 Inches by 3 Inches, Wall-Plates 5 Inches by 3 Inches, at 22*s. per* Square,	17	12	0
5 Square of quarter'd Partitions, at 16*s. per* Square,	4	0	0
12 Tranſum Windows of Oak, ſcantling 4 Inches by 3 Inches, at 9*s.* each,	5	8	0
2 Compaſs Window-Frames in the Garrets,	1	16	0
6 Two-light Windows, at 4*s.* 6*d.* each,	1	7	0
1 Outſide Door-Frame of Oak,	0	12	0
1 Ledg'd and batten'd Door to *ditto*, of red whole Deal,	0	15	0
7 Inſide Door-Frames of Oak, at 8*s.* 6*d.* each,	2	19	6
10 Inſide Doors of red whole Deal, at 10*s.* 6*d.* each,	5	5	0
15 Window-Boards of red whole Deal and Blocks,	0	15	0
2 Doors of Three-fourths Deal ledg'd, and Frames to the Garrets, at 12*s.* 6*d.* each,	1	5	0
32 Red whole Deal Steps of Stairs and Bearers, at 2*s.* 6*d.* each,	4	0	0
To Dreſſers, Shelves and Racks in the Kitchen, Pantry, and Dairy,	2	15	0
Bond, Timbers, and Lintels,	1	0	0
269 Yards of Lath and Plaiſter, at 7*d.* Half-penny *per* Yard,	8	8	1½
		580	Yards

	£.	s.	d.
580 Yards of rendering Walls, at 3 *d.* Half-penny *per* Yard,	8	9	2
184 Feet of leaded Glaſs, at 7 *d.* Half-penny *per* Foot,	5	15	0
Iron Caſements, Locks, Hinges, *&c.*	5	0	0
To painting 12 tranſum Window-Frames three Times in Oil,	0	12	0
2 Circle Window-Frames, *ditto*,	0	2	0
6 Small Window-Frames, *ditto*,	0	3	0
65 Yards of inſide Painting, *ditto*, at 6 *d.* *per* Yard,	1	12	6

The whole Expence to the Body of the Houſe, — 275 *l.* 4 *s.* 7 *d.* ½

The Eſtimate of the ſmall Buildings, mark'd in the Plan L M N, *with the Bog-houſe, Mound-Walls, Gates,* &c.

	£.	s.	d.
To digging the Bog-houſe, and for Foundations,	1	10	0
11 Rod of Brick Walls reduc'd to one Brick and an Half thick, at 5 *l.* 5 *s.* *per* Rod,	57	15	0
50 Yards of Stock-Brick on Edge Pavement in the ſmall Buildings L N, and Walk 7 Feet wide in the Court A, at 1 *s.* 10 *d.* *per* Yard,	4	11	8
152 Yards of Pitching in the Court B and Hog-ſtye, at 15 *d.* *per* Yard,	9	7	6
3 Five-barr'd Gates, with Oak Poſts and Spurs, Hinges and Staple, at 30 *s.* each,	4	10	0
4 Small Gates of red whole Deal ledg'd, with Oak Poſts, Hinges and Latch, at 20 *s.* each,	4	0	0
1 *Ditto* to the Hog-ſtye,	0	18	0
7 Square of Roofing of red Fir, at 24 *s.* *per* Square,	8	8	0
To a Door-Frame of Oak, and red whole Deal, ledg'd, Door-Hinges and Latch,	1	0	3
To a Floor, Seat, Door, and Frame, Hinges and Bolt to the Bog-houſe,	1	10	0
44 Yards of Painting three Times in Oil, at 6 *d.* *per* Yard,	1	2	0
7 Square and an Half of Pantiling, at 18 *s.* *per* Square,	6	15	0

The whole Expence of the ſmall Buildings, mark'd L M N, with Mound-Walls, Gates, *&c.* 101 *l.* 7 *s.* 5 *d.*

The Eſtimate of the Stables, Cart-houſe, and Lofts over them.

	£.	s.	d.
Digging for the Foundations,	0	9	0
19 Rod of Brick Walls reduc'd to one Brick and an Half thick, of Place-Bricks and good Mortar, at 5 *l.* 8 *s.* *per* Rod,	102	12	0
13 Square of naked Flooring of red Fir Joiſt, 7 Inches by 3 Inches, at 32 *s.* *per* Square,	20	16	0
12 Square and an Half of red whole Deal Floor-boarding, at 25 *s.* *per* Square,	16	5	0
18 Square of Roofing, Scantlings of red Fir Beams 8 Inches by 8 Inches, principal Rafters 9 Inches by 5 Inches, Collar-Beams 7 Inches by 5 Inches, Purlines 4 Inches and an Half by 4 Inches and an Half, Wall-Plates 6 Inches by 4 Inches, ſmall Rafters 4 Inches by 3 Inches, at 34 *s.* *per* Square,	30	12	0
19 Square of Pantiling to *ditto*, at 18 *s.* *per* Square,	17	2	0
2 Door-Frames of Oak, and red whole Deal ledg'd Doors, with Hinges and Latch, at 30 *s.* each,	3	0	0
2 Leſſer, *ditto*, with Lock, *&c.* at 25 *s.* each,	2	10	0
48 Feet running of Rack and Manger, at 4 *s.* *per* Foot,	9	12	0
144 Yards of Pitching, at 15 *d.* *per* Yard,	9	0	0
14 Yards of Painting three Times in Oil, at 6 *d.* *per* Yard,	0	7	0

The whole Expence of the Stables, Cart-houſe, and Lofts, — 212 *l.* 5 *s.* 0 *d.*

The Eſtimate of the Barn only.

	£.	s.	d.
To digging for the Foundation,	0	6	0
16 Rod and one Fourth of Brick Walls reduc'd to one Brick and an Half thick, of Place-Bricks and good Mortar, at 5 *l.* 8 *s.* *per* Rod,	87	15	0
18 Square of Roofing, the Scantlings of red Fir Beams 12 Inches by 8 Inches, principal Rafters 10 Inches by 5 Inches and an Half, Collar-Beams 8 Inches by 5 Inches, Prick-poſts 5 Inches by 5 Inches, King-poſt 8 Inches by 5 Inches, Purlines 4 Inches and an Half by 4 Inches and an Half, Wall-Plates 6 Inches by 4 Inches and an Half, ſmall Rafters 4 Inches by 3 Inches, at 2 *l.* 4 *s.* *per* Square,	39	12	0
19 Square of Pantiling, at 18 *s.* *per* Square,	17	2	0

	£.	s.	d.
2 Barn-door Frames of Oak, 14 Feet by 12 Feet in the Clear, with Doors, bottom Boards, and proper Faſtenings,	10	10	0
5 Square of Barn Flooring, at 4 *l.* 2 *s. per* Square,	20	10	0
The whole Expence of the Barn, — 175 *l.* 15 *s.* 0 *d.*			
Total Expence of all the Buildings, —	764	12	0 ½

PLATE III.

THIS Plate repreſents the Plan and Elevation of a Farm-Houſe, eſtimated by the cuſtomary Prices of the Counties therein mentioned.

REFERENCES.

	Feet	Inches		Feet	Inches
A, Court Yard					
B, Paſſage	36	0	by	4	0
C, Kitchen	21	0		12	6
D, Back Kitchen	21	0		11	0
E, Pantry	6	0		6	0
F, Dairy	17	6		7	0
G, Parlour	17	6		13	6
H, Barn-yard	106	0		106	0
I, Barn	50	0		22	0
K, Shed	27	0		10	0
L, *Ditto*	15	0		10	0
M, Hog-ſtye	18	6		16	0
N, Stable	21	0		16	0
O, Cart-houſe	31	0		20	0
P, Stable or Cow-houſe	21	0		16	0
Q, Little incloſed Penn or Court	18	6		16	0
R, Calf-houſe	15	0		10	0
S, Shed	27	0		10	0

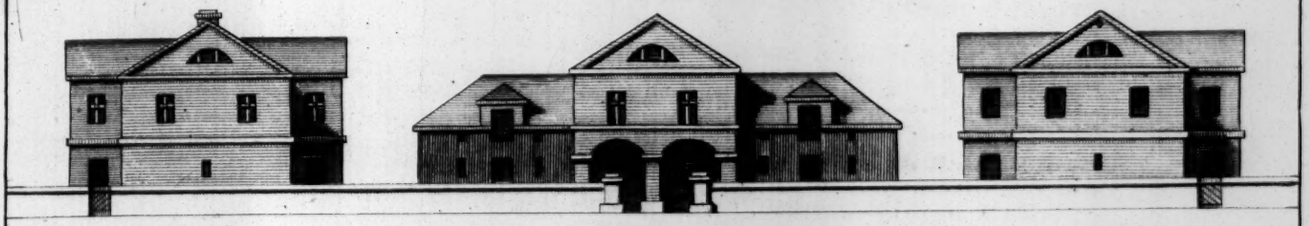
N. B. An arched Cellar is intended under the Kitchen and Paſſage.

The Thickneſs of Walls.

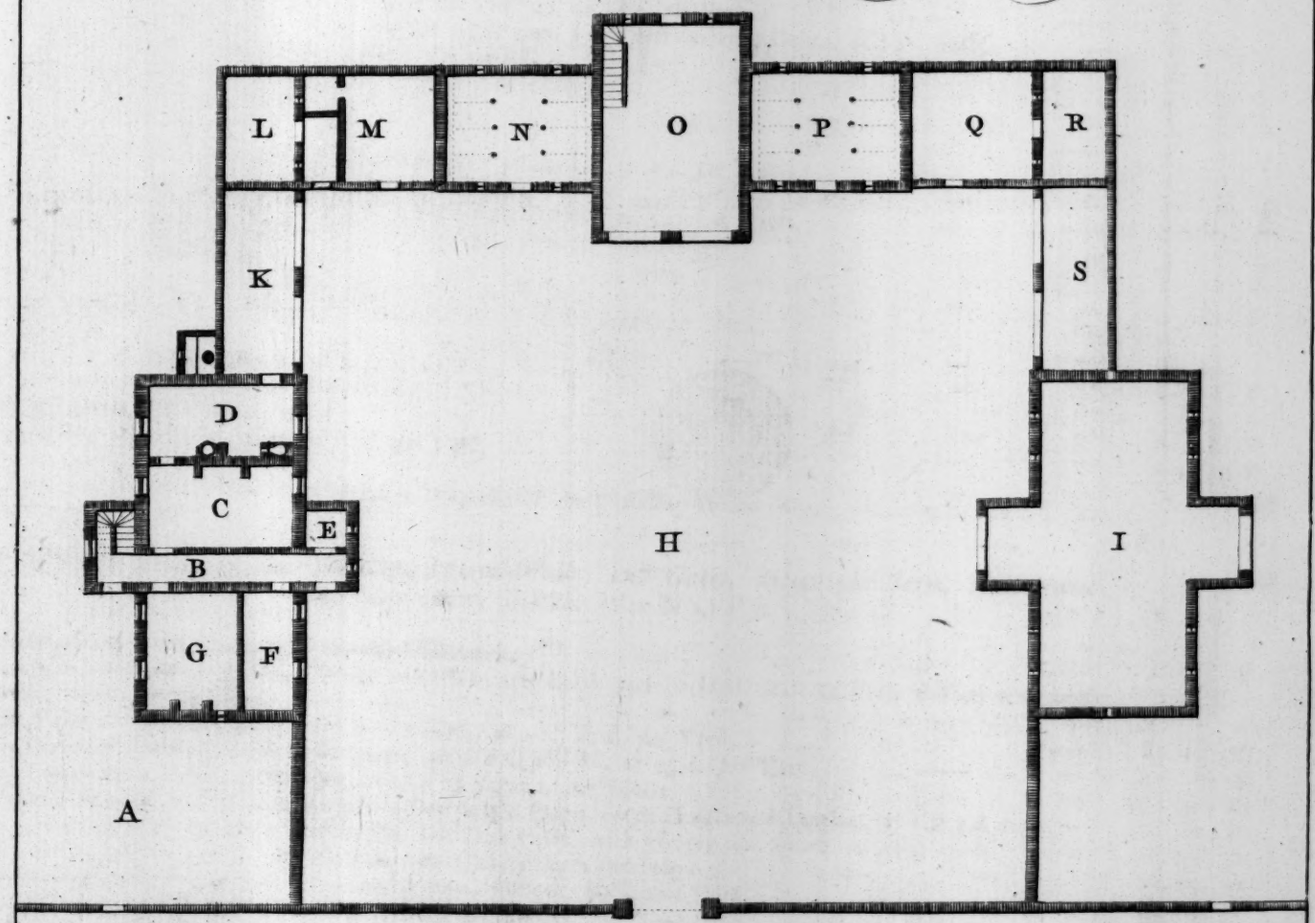
All below the Surface of the Earth, and thoſe of the Barn up to the Wall-Plate, and firſt Story of the Cart-houſe, are 2 Bricks, all the other Walls one Brick and an Half, except the Gable-Ends, and Arch of the Cellar, which are no more than one Brick's Length in Thickneſs.

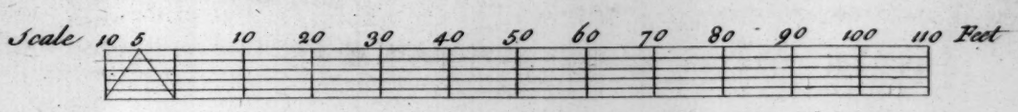
Eſtimate

Plate 3.



A Plan and Elevation for Middlesex, Essex, Surry, Kent &c.





Wm. Halfpenny Invt.

Eſtimate of the Houſe only.

	£.	s.	d.
To digging the Cellar, and for the Foundations,	2	0	0
To a Center for the arch'd Cellar,	1	0	0
24 Rod of Brick Walls reduc'd to one Brick and an Half of Place-Bricks, and good Mortar, at 5 *l.* 10 *s.* *per* Rod,	132	0	0
76 Yards of Stock-Brick on Edge Pavement in the Cellar and back Kitchen, at 1 *s.* 10 *d.* *per* Yard,	6	19	4
48 Yards of Clay Brick on Edge Pavement in the Kitchen, Pantry, and Paſſage, at 3 *s.* 8 *d.* *per* Yard,	8	16	0
13 Yards of 10 Inch Tile Pavement in the Dairy, at 2 *s.* 4 *d.* *per* Yard,	1	10	0
10 Steps of Brick and Oak Quarter-binders to the Cellar, at 2 *s.* 6 *d.* each,	1	5	0
2 Square and an Half of Ground Joiſt of Oak, and red Deal Boarding in the Parlour, at 2 *l.* 15 *s.* *per* Square,	6	17	6
17 Square and an Half of red Fir Joiſt, and red Deal Boarding in the Chambers and Garrets, at 2 *l.* 15 *s.* *per* Square,	48	2	6
16 Square and an Half of Roofing, at 34 *s.* *per* Square,	28	1	0
5 Square and Three-fourths of ſtudded or quarter'd Partitions, at 16 *s.* *per* Square,	4	12	0
4 Square of Cieling Joiſt and Aſhlers in the Garrets, at 18 *s.* *per* Square,	3	12	0
2 Outſide Door-Frames of Oak, and red whole Deal ledg'd and batten'd Doors, at 26 *s.* each,	2	12	0
6 Inſide Door-Frames of Oak, at 8 *s.* 6 *d.* each,	2	11	0
10 Doors of red whole Deal ledg'd, at 10 *s.* 6 *d.* each,	5	5	0
15 Tranſum Window-Frames of Oak, at 9 *s.* each,	6	15	0
4 Circular Window-Frames of Oak in the Garrets, at 12 *s.* each,	2	8	0
25 Yards of ſlit and whole Deal Partitions in the Garrets, at 2 *s.* *per* Yard,	2	10	0
21 Window-boards of red whole Deal and Blocks,	1	1	0
32 Steps for Stairs of red whole Deal, and proper Bearers, at 2 *s.* 6 *d.* each,	4	0	0
To Dreſſers, Shelves and Racks in the Kitchen, Pantry, and Dairy,	3	10	0
To Bond, Timbers, and Lintels,	1	10	0
17 Square and an Half of Pantiling, at 18 *s.* *per* Square,	15	15	0
348 Yards of Lath and plaiſter'd Cielings, at 7 *d.* Half-penny *per* Yard,	10	7	0
662 Yards of rendering Walls, at 3 *d.* Half-penny *per* Yard,	9	13	1
176 Feet of leaded Glaſs, at 7 *d.* *per* Foot,	5	2	8
17 Window-Frames painted three Times in Oil,	0	17	0
6 Small Window-Frames, *ditto*,	0	3	0
75 Yards of inſide Painting, at 6 *d.* *per* Yard,	1	17	6

The whole Expence of the Dwelling-Houſe only, — 320 *l.* 12 *s.* 7 *d.*

An Eſtimate of all the Out-Building, Mound-Walls, and Gates, except the Barn, Stable, and Cart-houſe, mark'd in the Plan N O P I.

	£.	s.	d.
To digging the Bog-houſe, and for the Foundations,	1	15	0
11 Rod and an Half of Brick Walls reduc'd to one Brick and an Half thick of Place-Bricks, and good Mortar, at 5 *l.* 5 *s.* *per* Rod,	60	7	6
98 Yards of Stock-Brick on Edge in the Sheds, at 1 *s.* 10 *d.* *per* Yard,	8	19	8
64 Yards of Pitching in the little Yards, mark'd Q and M, at 15 *d.* *per* Yard,	4	0	0
13 Square and an Half of Roofing in red Fir, at 24 *s.* *per* Square,	15	18	0
2 Door-Frames of Oak, and red whole Deal ledg'd Doors, with Hinges and Latches, at 1 *l.* 3 *d.* each,	2	0	6
4 Small Gates of red whole Deal ledg'd, and Oak Poſts, with Hinges and Latch, at 18 *s.* each,	3	12	0
1 Five-bar'd Gate, with Poſts and Spurs of Oak, Hinges and Staple,	1	15	0
To a Bog-houſe Floor, Seat, Door and Frame, Hinges, Bolt, and Roof,	1	15	0
14 Square and an Half of Pantiling, at 18 *s.* *per* Square,	13	1	0
25 Yards of Outſide Painting, at 6 *d.* *per* Yard,	0	12	6

The whole Expence of the ſmall Buildings, Mound-Walls, Gates, &c. — 113 *l.* 16 *s.* 2 *d.*

An Eſtimate of the middle Building, mark'd on the Plan N O P.

	£.	s.	d.
To digging for the Foundations,	0	6	●
19 Rod of Brick Walls, reduc'd to one Brick and an Half thick of Place-Brick, and good Mortar, at 5 *l.* 8 *s. per* Rod,	102	12	●
145 Yards of Pitching in the Cart-houſe and Stables, at 15 *d. per* Yard,	9	1	3
6 Square and One-fifth of Flooring Joiſt, of red Fir and red whole Deal Floor-Boarding, groov'd and tong'd, for the Grainery over the Cart-houſe, at 3 *l.* 5 *s. per* Square,	20	3	●
6 Square and Three-fourths of *ditto*, not groov'd nor tong'd, for the Lofts over the Stables, at 2 *l.* 15 *s. per* Square,	18	11	3
9 Square of Roofing, in red Fir, over the Grainery, at 1 *l.* 14 *s. per* Square,	15	14	6
11 Square of *ditto* over the Stables, at 1 *l.* 10 *s.* per Square,	16	10	0
To Stairs leading to the Grainery,	1	2	0
3 Door-Frames of Oak, and red whole Deal Doors ledg'd, with Hinges, Locks, and Latches, at 1 *l.* 10 *s.* each,	4	10	0
2 *Ditto* to Lofts, at 1 *l.* 5 *s.* each,	2	10	0
To Quartered Partitions, Door, Lock and Hinges, at the Head of the Stairs,	1	8	0
4 Tranſum Window-Frames of Oak, at 9 *s.* each,	1	16	0
4 Window-Boards and Blocks,	0	4	0
21 Square of Pantiling, at 18 *s. per* Square,	18	18	0
27 Feet of leaded Glaſs, at 7 *d. per* Foot,	0	15	9
To painting Door-Frames, Doors, and Window-Frames,	0	12	●

The whole Expence of the middle Building, — 214 *l.* 13 *s.* 9 *d.*

An Eſtimate of the Barn only.

19 Rod and an Half of Brick Wall, reduced to one Brick and an Half thick of Stock-Brick, and good Mortar, at 5 *l.* 8 *s. per* Rod,	105	6	●
20 Square and One-third of Roofing, in red Fir, at 2 *l.* 4 *s. per* Square,	44	14	8
2 Barn-Door Frames of Oak, and Doors of red Inch and an Half Deal, ledg'd and brac'd, and Bottom-Boards, with Hinges, Staple, *&c.* at 4 *l.* 10 *s*, each,	9	0	●
5 Square of Barn-Flooring, at 4 *l.* 2 *s. per* Square,	20	10	0
21 Square of Pantiling, at 18 *s. per* Square,	18	18	●

The whole Expence of the Barn only, — 198 *l.* 8 *s.* 8 *d.*

Total Expence of all the Buildings, *&c.* — £. 847 11 2

PLATE IV.

THIS Plate ſhews the Plan and Elevation of a Farm-Houſe, with its Offices, the whole is eſtimated from the cuſtomary Prices of the Counties therein mentioned.

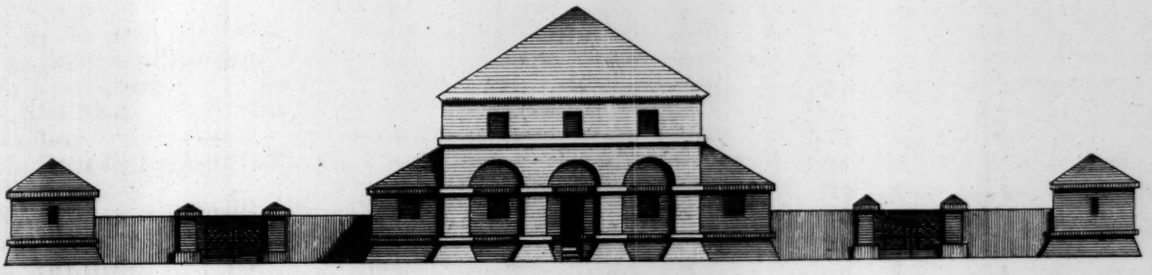
REFERENCES.

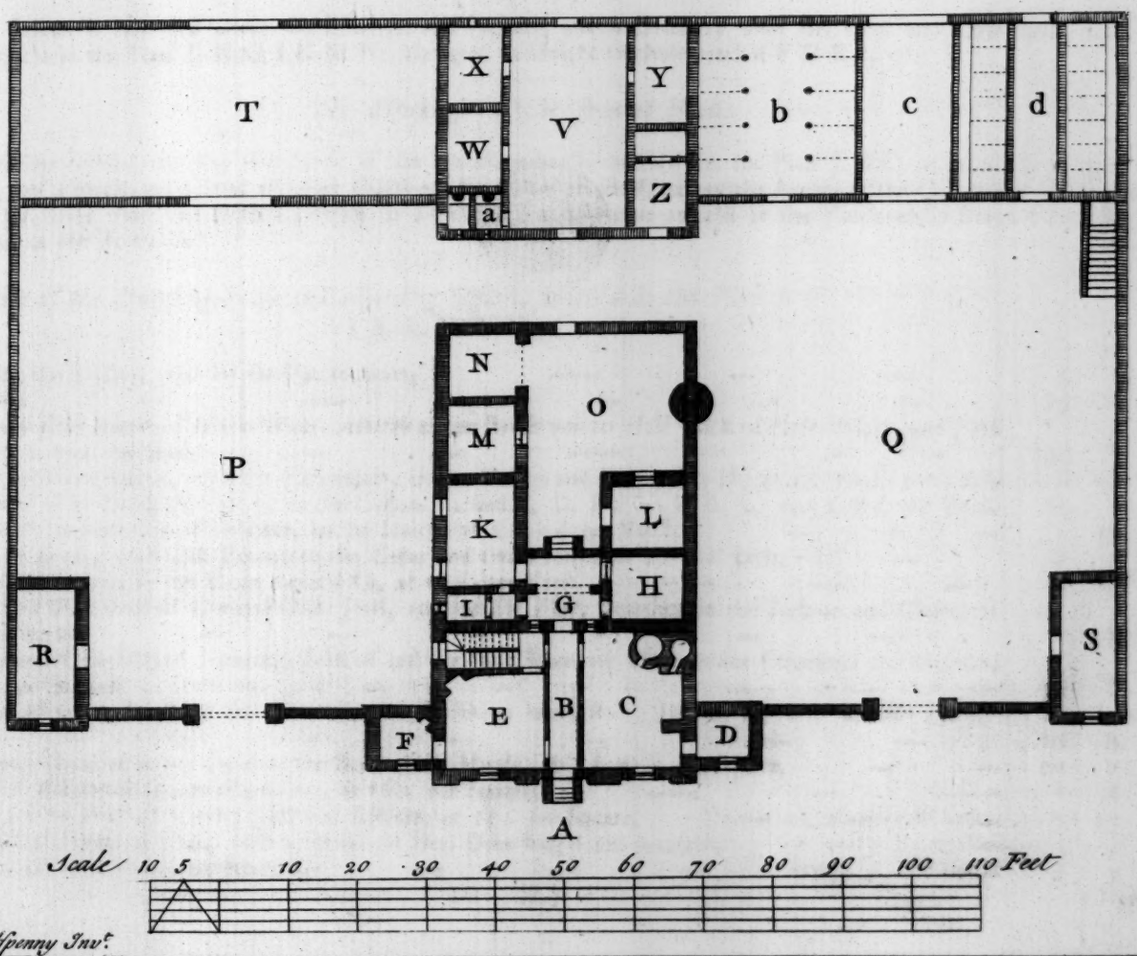
	Feet	Inches		Feet	Inches
A, Front Steps at the Entrance					
B, Paſſage	20	0	by	4	0
C, Kitchen	20	0		14	0

D, Pantry

Plate 4.

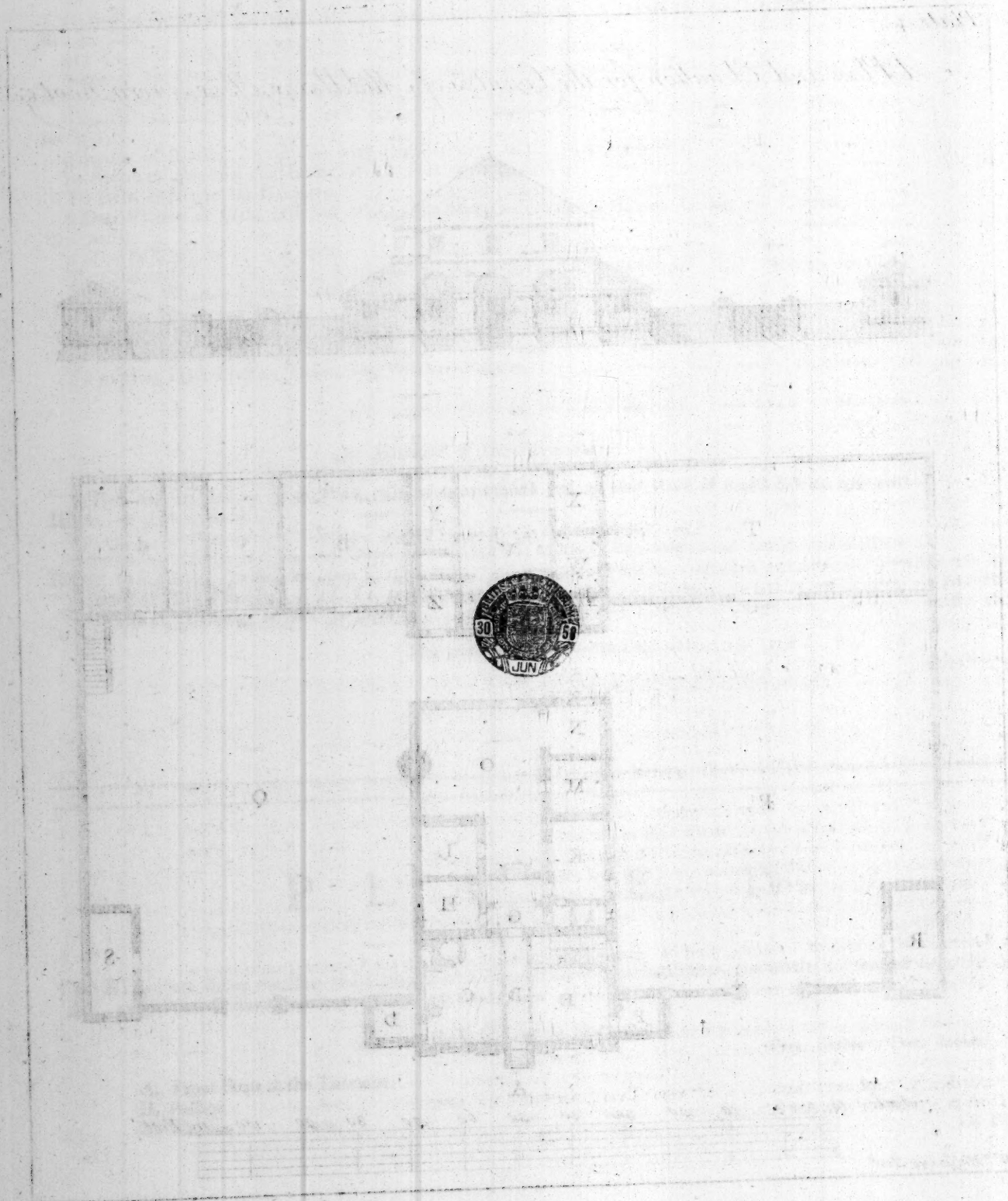
A Plan and Elevation for the County's of Middlesex, Essex, Surry, Kent &c.





Scale 10 5 10 20 30 40 50 60 70 80 90 100 110 Feet

Wm. Halfpenny Invt.



	Feet	Inches		Feet	Inches
D, Pantry	8	0	by	6	6
E, Parlour	14	0		13	0
F, Cloſet	8	0		6	6
G, Covered Paſſage	10	0		4	0
H, Maſter's Store-Room	10	0		9	0
I, Cupboard	9	0		4	0
K, Dairy	15	0		9	0
L, Maſter's Store-Room	10	0		9	0
M, Cloſe Shed	10	0		9	9
N, Open, *ditto*	10	0		9	9
O, Court	20	2		20	2
P, Barn-yard	72	0		60	0
Q, Stable and Cow-yard	72	0		60	0
R, Lamb-houſe	20	0		9	0
S, Calf-houſe	20	0		9	0
T, Barn	60	0		25	0
V, Court for breeding Fowls, *&c.*	30	0		17	0
W, Shed	11	0		9	0
X, *Ditto*	11	0		9	0
Y, *Ditto*	14	9		9	0
Z, Hog-ſtye	14	9		9	0
a, Bog-houſes each	4	3		5	0
b, Stable	25	0		23	0
c, Cart-houſe	25	0		13	0
d, Cow-houſe	25	0		23	0

N. B. Cellars is intended under the Kitchen and Parlour, and a Grainery over the Cart and Cow-houſe, and the Offices, mark'd in the Plan L H G I K M N, are equal in Height to thoſe mark'd F D R S, *&c.*

The Thickneſs of the ſeveral Walls.

All the Cellar-Walls, and the firſt Story of the Dwelling-houſe, mark'd in the Plan E B C, with the Barn up to the Wall-Plate, are 2 Bricks thick, and all other Walls one Brick and an Half, except the Arches to the Cellars and Gable-Ends, which are no more than one Brick's Length in Thickneſs; and obſerve to add to the Thickneſs in Front 6 or 4 Inches for a Footing to the Baſement.

The Eſtimate of the Dwelling-houſe and adjoining Offices, mark'd in the Plan A B C D E F G H I K L M N O.

	l.	*s.*	*d.*
To digging the Cellars, and for the Foundations,	5	0	0
To a Well,	15	0	0
26 Rod and One-fourth of Brick-Walls, reduced to one Brick and an Half thick of Place-Bricks, and good Mortar, at 5 *l.* 10 *s. per* Rod,	144	7	6
90 Yards of Stock-Brick, on Edge-Pavements, in the Cellars and Sheds, M, N, at 1 *s.* 10 *d. per* Yard,	8	5	0
77 Yards of Clay-Brick Pavement, in the Offices marked B, C, D, G, I, H, L, at 3 *s.* 8 *d. per* Yard,	14	2	4
15 Yards of 10-Inch Tile-Pavement, in the Dairy, at 2 *s.* 4 *d. per* Yard,	1	15	0
19 Steps of Brick, with Oak Binders to the Cellar and two Fronts, at 2 *s.* 6 *d.* each,	2	7	6
64 Yards of Pitching in the Court mark'd O, at 15 *d. per* Yard,	4	0	0
2 Square and One-third of Ground Oak Joiſt, and red Fir Floor Boarding in the Parlour and Cloſet, at 2 *l.* 15 *s. per* Square	6	8	0
13 Square and One-fifth of Flooring, Joiſt of red Fir, and Boarding *ditto*, in the Chambers and Garrets, at 2 *l.* 15 *s. per* Square,	36	6	0
10 Square of ſmall Roofs of red Fir over the Buildings mark'd F, D, K, L, *&c.* at 1 *l.* 4 *s. per* Square,	12	0	0
13 Square of Roofing in red Fir over the Body of the Houſe, at 1 *l.* 14 *s. per* Square,	22	2	0
8 Square of ſtudded or quarter Partitions, at 16 *s. per* Square,	6	8	0
8 Square and an Half of Cieling-Joiſt and Aſhlers, at 18 *s. per* Square,	7	13	0
1 Front Door-Frame of Oak, with a red whole Deal Door ledg'd and batten'd,	1	7	0
1 *Ditto* in the back Front not batten'd,	1	3	0

2 Door-

	£.	s.	d.
2 Door-Frames of Oak, and red whole Deal ledg'd Doors in the Cellar, at 18 *s.* each,	1	16	0
7 *Ditto* in the Offices, at 20 *s.* each,	7	0	0
7 Red whole Deal ledg'd Doors without Frames in the quarter Partitions, at 10 *s.* 6 *d.* each,	3	13	6
13 Tranſum Window-Frames of Oak, at 9 *s.* each,	5	17	0
2 Single light Window-Frames, at 3 *s.* 3 *d.* each,	0	6	6
14 Window-Boards and Blocks,	0	14	0
36 Steps of Stairs of red whole Deal and Bearers, at 3 *s.* each,	5	8	0
16 Yards of ſlit and whole Deal Partitions in the Garrets, at 2 *s.* *per* Yard,	1	12	0
Dreſſers, Shelves, Racks, *&c.*	3	0	0
Lintels and other Bond Timbers,	1	15	0
To centering for turning the arch'd Cellars,	1	10	0
16 Square and an Half of plain Tiling, at 1 *l.* 6 *s.* *per* Square,	21	2	6
8 Square and an Half of Pantiling, at 18 *s.* *per* Square,	7	13	0
257 Yards of Lath and Plaiſtering, at 7 *d.* Half-penny *per* Yard,	6	19	2
605 Yards of rendering Walls, at 3 *d.* Half-penny *per* Yard,	8	16	5
151 Feet of leaded Glaſs, at 7 *d.* *per* Foot,	4	8	1
13 Tranſum Window-Frames painted three Times in Oil,	0	13	0
2 Small Windows, *ditto*,	0	1	0
36 Yards of Painting three Times in Oil,	0	18	0
Iron Caſements, Locks, Hinges, *&c.*	5	0	0

The whole Expence of the Dwelling-houſe, and all the Buildings, mark'd on the Plan A B C D E F G H I K L M N O, — — — — — 356 *l.* 3 *s.* 10 *d.*

An Eſtimate of the Out-Buildings, mark'd in the Plan R S a W X V Y Z, *with the Mound-Walls and Gates.*

	£.	s.	d.
To digging the Bog-houſes, and for the Foundations of the Walls,	1	6	0
14 Rod and an Half of Brick Walls reduc'd to one Brick and an Half thick, of Place-Bricks and good Mortar, at 5 *l.* 5 *s.* *per* Rod,	76	2	6
76 Yards of Stock-Brick on Edge Pavement in the Buildings mark'd R S W X Y, at 1 *s.* 10 *d.* *per* Yard,	6	19	4
70 Yards of Pitching in the Court V, and Hog-ſtye Z, at 15 *d.* *per* Yard,	4	7	6
7 Door-Frames of Oak, and whole Deal ledg'd Doors, with Locks and Latches, at 18 *s.* each,	6	6	0
3 Red whole Deal Doors and Oak Poſts, with Hinges and proper Faſtenings, to the Court V and Hog-ſtye, at 18 *s.* each,	2	14	0
13 Square and an Half of Roofing of red Fir, at 24 *s.* *per* Square,	16	4	0
To Seats and Floors to the Bog-houſes,	1	15	0
31 Yards of Painting three Times in Oil, at 6 *d.* *per* Yard,	0	15	6
14 Square and an Half of Pantiling, at 18 *s.* *per* Square,	13	1	0
2 Pair of *Dutch* batten'd Gates, with Oak Poſts, Hinges, and other proper Faſtenings, at 2 *l.* 14 *s.* *per* Pair,	5	8	0

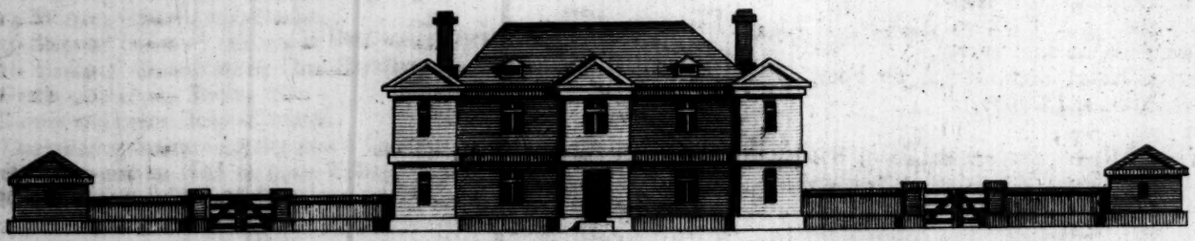
The whole Expence of the Mound-Walls and Buildings, mark'd in the Plan RSaWXVZY, 134 *l.* 17 *s.* 10 *d.*

An Eſtimate of the Barn, Stable, Cow-houſe, and Cart-houſe, mark'd in the Plan T b c d.

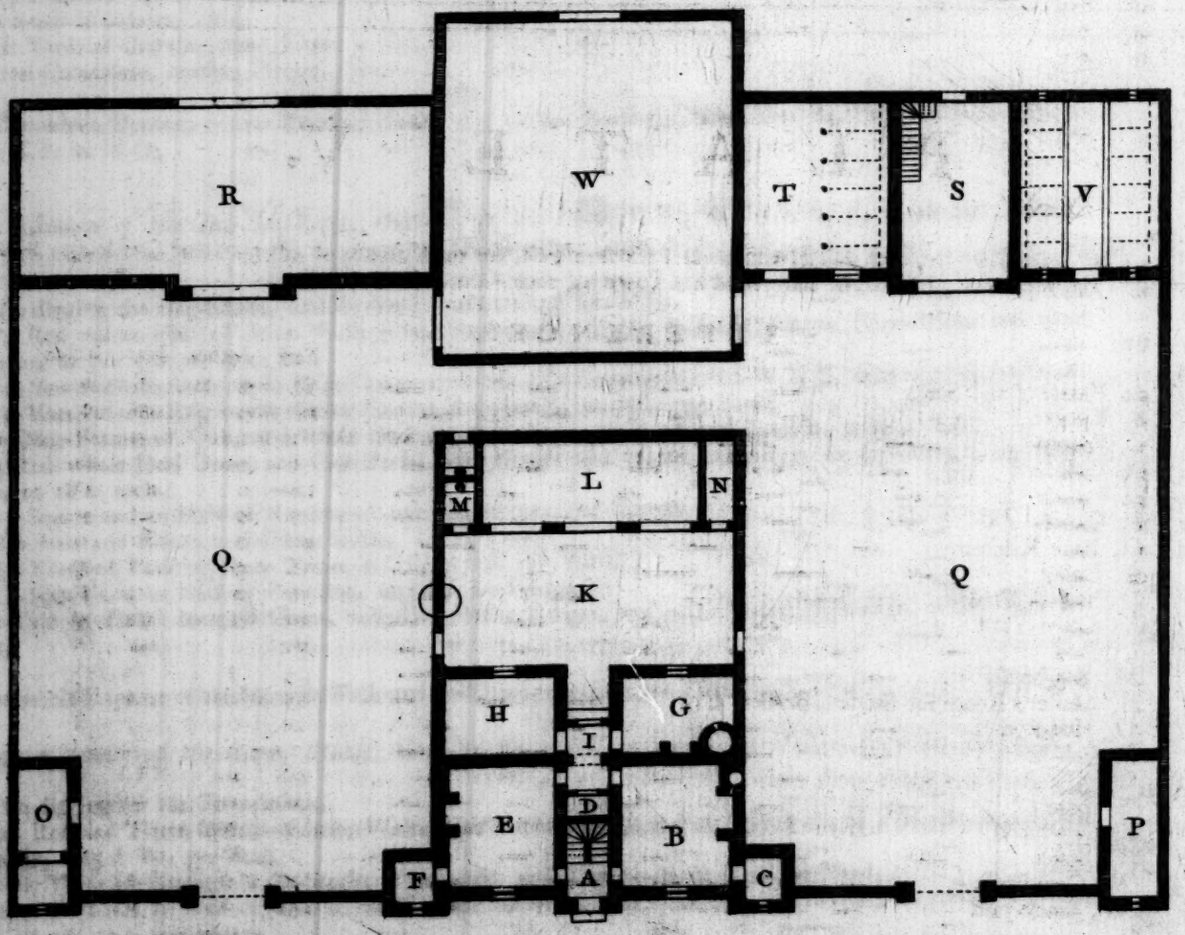
	£.	s.	d.
To digging for the Foundations,	0	16	0
25 Rod and Three fourths of Brick Walls reduc'd to one Brick and an Half thick, of Place-Brick and good Mortar, at 5 *l.* 8 *s.* *per* Rod,	139	1	0
164 Yards of Pitching in the Stable, Cow-houſe, and Cart-houſe, at 15 *d.* *per* Yard,	10	5	0
14 Square and an Half of Joiſt of red Fir, and red whole Deal Floor-boarding to the Lofts over the Stable, *&c.* at 2 *l.* 15 *s.* *per* Square,	39	17	6
3 Door-Frames of Oak, and red whole Deal ledg'd Doors, with Hinges and Latches to the Stable and Cow-houſe, at 26 *s.* each,	3	18	0
2 *Ditto* to the Lofts, at 22 *s.* each,	2	4	0
4 Two-light Oak Window-Frames to *ditto*, at 6 *s.* each,	1	4	0
To a Pair of Gates and Oak Frames in the Cart-houſe compleat,	3	0	0
To 2 Pair of Barn-Doors compleat,	9	0	0
47 Square of Rooffing in red Fir over the Barn, Stable, Cow-houſe, and Cart houſe, at 34 *s.* *per* Square,	79	18	0

30
58
JUN

Plate 5.



A Plan and Elevation for the County's of Hertford, Cambridge &c.



Scale 10 5 10 20 30 40 50 60 70 80 90 100 110 Feet

Wm. Halfpenny Inv.t

	£.	s.	d.
3 Square and an Half of Barn Flooring of Oak Joift, and 2 Inches and an Half red Fir Plank, at 4 *l.* 2 *s. per* Square,	14	7	0
5 Square of quarter'd Partitions, at 16 *s. per* Square,	4	0	0
48 Square and an Half of Pantiling, at 18 *s. per* Square,	43	13	0
50 Yards of Painting three Times in Oil, at 6 *d. per* Yard,	1	5	0
To Stairs leading to the Lofts,	2	0	0
50 Feet running of Rack and Manger, at 4 *s. per* Foot,	10	0	0
14 Cow-ftalls, at 14 *s.* each,	9	16	0
20 Feet of leaded Glafs, at 7 *d. per* Foot,	0	11	8
Bond Timbers and Lintels,	0	12	0
The whole Expence of the Barn, Stable, *&c.* mark'd in the Plan T b c d — 375 *l.* 8 *s.* 2 *d.*			
The Total Expence of the Buildings, *&c.* — £.	866	19	10

PLATE V.

THIS Plate repreſents the Plan and Elevation of a Farm-Houſe, for the Counties of *Hartford* and *Cambridge*, whoſe Coſt of Building is eſtimated from the cuſtomary Prices of thoſe Counties.

REFERENCES.

	Feet	Inches		Feet	Inches
A, Entrance and Stairs	12	0	by	6	6
B, Kitchen	18	0		16	0
C, Pantry	7	0		5	9
D, Cupboard	6	6		3	0
E, Parlour	18	0		16	0
F, Cloſet	7	0		5	9
G, Back Kitchen	16	0		11	0
H, Dairy	16	0		11	0
I, Sheaded Paſſage	6	6		4	0
K, Court-Yard	43	0		20	0
L, Shed	32	0		12	0
M, Bog-houſes	5	3		4	6
N, Maſter's Room for Saddles, Bridles, *&c.*	5	3		4	6
O, Hog-ſtye	20	0		7	6
P, Calf-houſe	20	0		7	6
Q, Q, Barn and Stable-yards each	90	0		60	0
R, Barn	60	0		25	0
S, Cart-houſe	26	6		16	0
T, Stable	25	0		22	0
V, Cow-houſe	25	0		22	0
W, Stack-yard	50	0		43	0

N. B. The Rooms mark'd H and G, riſes but one Story, and are cover'd by ſhedded Roofs, and Lofts is intended over thoſe mark'd T, S and V, and an arched Cellar under the Kitchen.

The

The Thickneſs of the ſeveral Walls.

The Cellars and firſt Story of the Dwelling-houſe, with the Barn up to the Wall-plate, and Stables, Cart-houſe and Cow-houſe, up to the Loft-floor, to be 2 Bricks thick, and all the other Walls one Brick and an Half, except the Arch of the Cellar and Gable-Ends, which are no more than one Brick's Length in Thickneſs.

An Eſtimate of the Dwelling-houſe, including all the Buildings, &c. mark'd in the Plan from the Letter A *to* N.

	£.	s.	d.
To a Well compleat,	15	0	0
To digging the Cellar, Bog-houſe, and for the Foundations,	3	10	0
25 Rod and an Half of Brick Walls, reduc'd to 1 Brick and an Half thick of Place-Bricks, and good Mortar, at 5 *l.* 10 *s.*	140	5	0
71 Yards of Clay-Brick on Edge Pavement in the Kitchen, *&c.* at 3*s.* 8*d.* *per* Yard,	13	0	4
19 Yards and an Half of 10 Inch tiled Pavement in the Dairy, at 2 *s.* 4 *d.* *per* Yard,	2	5	6
71 Yards of Stock-Brick on Edge Pavement, in the Cellars, and Backſheds, mark'd L N, at 1 *s.* 10 *d.* *per* Yard,	6	10	2
96 Yards of Pitching, in the Court, mark'd K, at 15 *d.* *per* Yard,	6	0	0
12 Steps of Brick, with Oak Binders to the Cellar, at 2 *s.* 6 *d.* each,	1	10	0
2 *Ditto* at the Entrances,	0	5	0
3 Squares and one Fourth of flooring Ground Joiſt of Oak, and red whole Deal Floor-boarding, at 2 *l.* 15 *s.* *per* Square.	9	12	6
13 Square and an Half of Oak, on red Fir Joiſt, and red whole Deal Floor-boarding, in the Chambers and Garrets, at 2 *l.* 15 *s.* *per* Square,	37	2	6
6 Square and Three-fourths of Ceiling Joiſt and Aſhlers, in the Cloſets, Dairy, and Garrets, at 18 *s.* *per* Square,	6	1	6
15 Square and an Half of Roofing of Oak or red Fir, over the Body of the Houſe, at 30 *s.* *per* Square,	23	5	0
10 Square and Three-fourths of *ditto*, over the Cloſets, Dairy, and back Kitchen, at 26 *s.* *per* Square,	8	19	6
9 Square of *ditto*, over the Buildings, mark'd M L N, at 24 *s.* *per* Square,	10	16	0
19 Square and an Half of plain Tiling over the Dwelling-houſe, at 1 *l.* 6 *s.* *per* Square,	25	7	0
17 Square and an Half of Pantiling over the Dairy, back Kitchen, and back Buildings, M L N, at 18 *s.* *per* Square,	15	15	0
1 Door Frame of Oak, and red whole Deal ledg'd Door to the Cellar,	0	18	0
1 Front Door-caſe of Oak and red whole Deal, ledg'd and batten'd Door,	1	6	0
13 Door-frames of Oak and red whole Deal ledg'd Doors, to the ſeveral Rooms, at 20 *s.* each,	13	0	0
7 Tranſum Window Frames of Oak, at 9 *s.* each,	3	3	0
4 Small *ditto*, at 6 *s.* each,	1	4	0
2 Luthren Windows and Check Boards, at 11 *s.* each,	1	2	0
9 Red whole Deal Window Boards,	0	9	0
32 Steps of Stairs of red whole Deal and Bearers, at 3 *s.*	4	16	0
18 Yards of ſlit and whole Deal Partitions in the Garrets, at 2 *s.* *per* Yard,	1	16	0
To Dreſſers, Shelves, Racks, *&c.* in the Kitchens, Dairy, Pantry and Cupboard,	3	10	0
To Linetls and Bond Timbers,	1	5	0
2 Red whole Deal Gates, and Oak Poſts in the Court, mark'd K, at 20 *s.* each,	2	0	0
3 Door Frames of Oak and red whole Deal Doors, ledg'd to the Saddle-Room and Bog-houſes, at 16 *s.* each,	2	8	0
To Seats and Floors to the Bog-houſes,	1	16	0
To a Center to turn the Arch of the Cellar,	1	0	0
272 Yards of Lath and Plaiſtering, at 7 *d.* Half-penny *per* Yard,	8	0	0
572 Yards of Rendering Walls, at 3 *d.* Half-penny *per* Yard,	8	6	10
92 Feet of Leaded Glaſs, at 7 *d.* *per* Foot,	2	11	6
Smith's Work for Caſements, Locks, Hinges, *&c.*	5	0	0
To painting 7 Tranſum Windows, 3 Times in Oil,	0	7	0
4 Leſſer *ditto*,	0	2	8
2 Luthren Windows *ditto*,	0	3	0
69 Yards of Painting, 3 Times in Oil, at 6 *d.* *per* Yard,	1	14	6

The whole Expence of the Dwelling-houſe, and all the Building, *&c.* mark'd on the Plan from the Letter A to N. — — — — — 390 *l.* 3 *s.* 6 *d.*

An

An Eſtimate of the Mound-Walls, with the two ſmall Buildings, mark'd on the Plan O P, *and Gates to the ſeveral Yards.*

	£.	s.	d.
To digging for the Foundations,	0	18	0
13 Rod and an Half of Brick Walls reduc'd to one Brick and an Half thick, at 5 *l.* 5 *s. per* Rod,	70	17	6
15 Yards of Stock Brick on Edge Pavement in the Calf-houſe, at 1 *s.* 10 *d. per* Yard,	1	7	6
15 Yards of Pitching in the Hog-ſtye, at 15 *d. per* Yard,	0	18	9
4 Square and an Half of Roofing to the Calf houſe and Hog-ſtye, at 24 *s. per* Square,	5	8	0
2 Door-Frames and Doors to *ditto*, with Hinges and Latch,	2	0	0
2 Pair of double Gates and Oak Poſts, with Hinges and Staples, at 2 *l.* each,	4	0	0
2 Five-bar'd Gates and Oak Poſts, with Hinges and Staples, at 1 *l.* 15 *s.* each,	3	10	0
To painting the Doors and Gates three Times in Oil,	0	12	0

The whole Expence of the Mound-Walls, Gates, and ſmall Buildings, mark'd on the Plan O P, 89*l.* 11*s.* 9*d.*

An Eſtimate of the Stables, Cart and Cow-houſe, mark'd in the Plan T S V, *with the Lofts over them.*

	£.	s.	d.
To digging for the Foundations,	0	9	0
21 Rod of Brick Walls reduc'd to one Brick and an Half, at 5 *l.* 8 *s. per* Rod,	108	8	0
169 Yards of Pitching, at 15 *d. per* Yard,	10	11	3
15 Square and one Fourth of Joiſt and Boarding of Oak or red Fir, at 2 *l.* 15 *s. per* Square,	41	18	9
24 Square and Three-fourths of Roofing to *ditto*, at 2 *l. per* Square,	49	10	0
Stairs to the Lofts, with Partition and Doors,	2	15	0
3 Door-Frames of Oak, and red whole Deal Doors ledg'd, with Hinges, Locks, and Latches, at 30 *s.* each,	4	10	0
2 Leſſer *ditto* without Locks to the Front of the Lofts, at 23 *s.* each,	2	6	0
3 Two-light Window-Frames, at 6 *s.* each,	0	18	0
15 Feet of leaded Glaſs to *ditto*, at 7 *d. per* Foot,	0	9	11
25 Feet running of Rack and Manger to the Stables, at 4 *s. per* Foot,	5	0	0
12 Cow-ſtalls, at 14 *s.* each,	8	8	0
25 Square and an Half of Pantiling, at 18 *s. per* Square,	22	19	0
Painting the Doors and Windows,	0	12	0

The whole Expence of the Stable, Cart and Cow-houſe, — 258 *l.* 17 *s.* 11 *d.*

An Eſtimate of the Barn only.

	£.	s.	d.
To digging for the Foundations,	0	7	0
15 Rod of Brick Walls reduc'd to one Brick and an Half, at 5 *l.* 8 *s. per* Rod,	81	0	0
24 Square and Three-fourths of Roofing, at 2 *l.* 4 *s. per* Square,	54	9	0
2 Pair of Barn-Doors, with Frames and bottom Boards compleat,	9	0	0
3 Square and Three-fourths of Barn-flooring Oak Ground Joiſt, and 2 Inch and an Half Plank, at 4 *l.* 2 *s. per* Square,	15	7	6
25 Square and an Half of Pantiling, at 18 *s. per* Square,	22	19	0

The whole Expence of the Barn, — 183 *l.* 2 *s.* 6 *d.*

Total Expence of the whole Buildings, — £. 921 15 8

PLATE VI.

THIS Plate repreſents the Plan and Elevation of a Farm-Houſe and Offices, whoſe Eſtimate is calculated by the Prices of Materials, &c. in the Counties therein mentioned.

REFERENCES.

	Feet	Inches		Feet	Inches
A, Front Court	27	0	by	24	6
B, Open Paſſage	24	6		4	0
C, C, *Ditto* incloſed	20	0		4	0
	20	0		9	0
D, Kitchen	18	0		16	0
E, Pantry	7	0		4	9
F, Back Kitchen	16	6		8	6
G, Parlour	18	0		16	0
H, Cloſet	7	0		4	9
I, Stairs	10	6		10	6
K, Dairy Room	13	0		9	5
L, Store-Room	13	0		9	5
M, M, Open Shed for Cow-ſtalls	27	0		9	5
	16	0		9	5
N, Stable	27	0		20	0
O, Calf-houſe	18	0		10	0
P, Hog-ſtye	18	0		10	0
Q, Q, Q, Barn-yard	170	0		120	0
R, Barn	37	0		26	0
S, Cart-houſe, and Grainery over it	37	0		26	0
T, Bog-houſe	5	6		4	6

N. B. An arch'd Cellar is intended under the Kitchen and Cloſets.

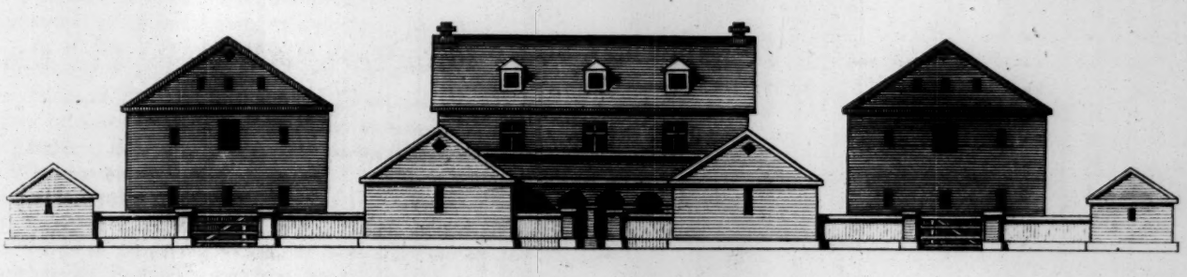
The Thickneſs of the ſeveral Walls.

The Cellar-Walls, and firſt Story of the Dwelling-houſe, with the Barn up to the Wall-Plate, and firſt Story of the Cart-houſe, are 2 Bricks thick, and the Arch of the Cellar and Gable-Ends, one Brick; and all the other Walls is one Brick and an Half thick.

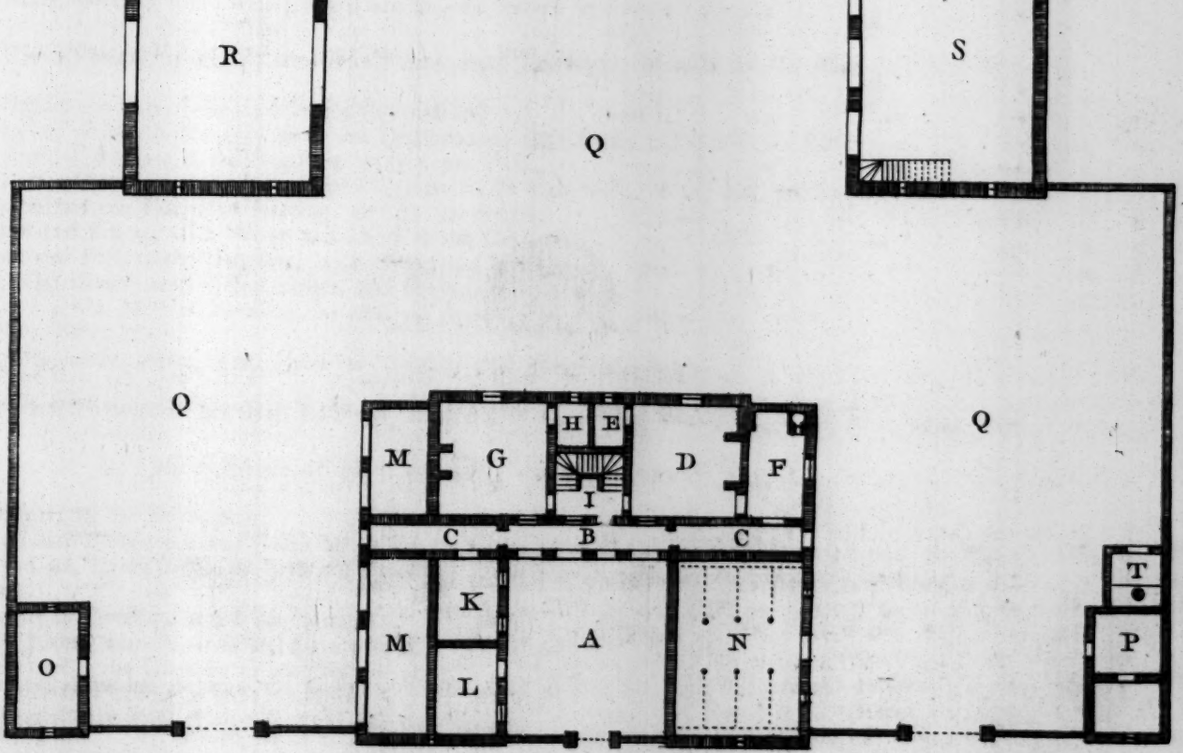
An Eſtimate of the Dwelling-houſe and Offices, mark'd on the Plan from the Letter A *to* N.

	£.	s.	d.
To digging the Cellar, and for the Foundations,	4	10	0
29 Rod and an Half of Brick Walls reduc'd to one Brick and an Half thick, at 5 *l.* 10 *s. per* Rod,	162	5	0
52 Yards of well-burnt Brick Pavement in the Cellar, at 1 *s.* 8 *d. per* Yard,	4	8	6
102 Yards of Clay Brick Pavement in the Kitchens, Paſſages, Store Room, &c. at 3 *s.* 6 *d. per* Yard,	17	17	0
13 Yards of 10 Inch Tile Pavement in the Dairy, at 2 *s.* 4 *d. per* Yard,	1	10	4
12 Steps of Brick and Oak Binders to the Cellar, at 2 *s.* 4 *d.* each,	1	8	0
3 Square and one Fourth of Ground Flooring, the Joiſt of Oak, and Boarding of the ſame, or red whole Deal, at 2 *l.* 15 *s. per* Square,	8	18	9
17 Square of Joiſt, and Boarding to the Chambers and Garret Floors, at 2 *l.* 15 *s. per* Square,	46	15	0
14 Square and an Half of Roofing over the Dwelling-houſe, at 34 *s. per* Square,	24	13	0
19 Square and an Half of *ditto* over the Stable N, and the Building mark'd M K L, at 28 *s. per* Square,	27	6	0
6 Square and Three-fourths of ſhedded Roofing over the Building mark'd F M B, at 24 *s. per* Square,	8	2	0
6 Square of Cieling Joiſt in the Dairy-Paſſage B, and Garrets, at 18 *s. per* Square,	4	14	6
7 Square of ſtudded Partitions, at 16 *s. per* Square,	5	12	0
17 Door-Frames of Oak, with red whole Deal ledg'd Doors, at 19 *s.* each,	16	3	0
	14	Tranſum	

Plate 6.



A Plan and Elevation for the County's of Berks, Buckingham &c.



Wm Halfpenny Inv.t

30
58
JUN

	£.	s.	d.
14 Tranſum Window-Frames of Oak, at 9 *s.* each,	6	6	0
4 Small *ditto*, at 6 *s.* each,	1	4	0
3 Two-light Luthren Windows and Check-boards, at 11 *s.* each,	1	13	0
32 Steps of Stairs, with String-boards, Hand-rail, *&c.* at 3 *s.* 6 *d. per* Step,	5	12	0
18 Yards of whole and ſlit Deal Partitions, at 2 *s. per* Yard,	1	16	0
To a Center to turn the arch'd Cellar,	1	5	0
5 Square of Hay-loft Floor, at 2 *l.* 10 *s. per* Square,	12	10	0
40 Feet of Rack and Manger, at 4 *s. per* Foot,	8	0	0
A Door and Frame to *ditto*,	0	19	0
107 Yards of Pitching in the front Court and Stable, and Sheds M M, at 15 *d. per* Yard,	10	15	0
A Pair of front Gates and Oak Poſts to the Court,	1	0	0
To Dreſſers, Shelves, Racks, *&c.* to the Kitchens, Dairy, *&c.*	3	10	0
18 Window-boards,	0	18	0
To Bond Timbers, Lintels, *&c.*	1	5	0
291 Yards of Lath and plaiſter'd Cielings, at 7 *d.* Half-penny *per* Yard,	7	17	7
650 Yards of rendering Walls, at 3 *d.* Half-penny *per* Yard,	9	9	7
42 Square of Pantiling over the Roofs, at 18 *s. per* Square,	37	16	0
Smith's Work, as Caſements, Locks, Hinges, Latches, Bolts, *&c.*	5	0	0
To painting 14 tranſum Windows three Times in Oil,	0	14	0
4 Small, *ditto*,	0	2	4
3 Luthren Windows, *ditto*,	0	4	6
64 Yards of *ditto* three Times in Oil, at 6 *d. per* Yard,	1	12	0
236 Feet of leaded Glaſs, at 7 *d. per* Foot,	6	16	10

The whole Expence of the Dwelling-houſe and Offices, mark'd by Letters from A to N, 459 *l.* 8 *s.* 10 *d.*

The Eſtimate of the Mound-Walls and ſmall Buildings, mark'd in the Plan O P T.

	£.	s.	d.
To digging the Bog-houſe, and for the Foundations,	1	10	0
12 Rod of Brick-Walls, reduced to one Brick and an Half thick, at 5 *l.* 5 *d. per* Rod,	63	0	0
20 Yards of Pitching in the Hog-ſtye, at 15 *d. per* Yard,	1	5	0
20 Yards of well-burnt Brick on Edge Pavement in the Calf-houſe, at 1 *s.* 8 *d. per* Yard,	1	13	4
5 Square and one Fourth of Roofing, at 24 *s. per* Square,	6	6	0
1 Door and Frame, with Hinges and Latch to the Calf-houſe,	1	1	0
1 Gate and Poſts to the Hog-ſtye, with Hinges and Staple,	0	18	0
3 Five-bar Gates, with Poſts, Hinges, and Staples, at 30 *s.* each,	4	10	0
5 Square and an Half of Pantiling, at 18 *s. per* Square,	4	19	0
Painting Gates, *&c.*	0	12	6
To a Bog-houſe, Floor, Seat, Door, and Frame, with Hinges and Bolt,	1	10	0

The whole Expence of the ſmall Buildings, mark'd O P T, Mound-Walls, *&c.* — 82 *l.* 19 *s.* 8 *d.*

An Eſtimate of the Cart-houſe, and the Grainery over it.

	£.	s.	d.
To digging for the Foundation,	0	5	0
12 Rod and Three-fourths of Brick Walls reduc'd to one Brick and an Half thick, at 5 *l.* 8 *s. per* Rod,	68	17	0
9 Square and Three-fourths of Joiſt and Boarding, groov'd and tong'd, to the Grainery Floor, at 3 *l.* 5 *s. per* Square,	31	13	9
16 Square of Roofing, at 2 *l. per* Square,	32	0	0
To the Stairs, with Partition and Door over it,	2	15	0
2 Windows in the Grainery painted and glazed,	1	10	0
111 Yards of Pitching in the Cart-houſe, at 15 *d. per* Yard,	6	18	9
16 Square and an Half of Pantiling, at 18 *s. per* Square,	14	17	0

The whole Expence of the Cart-houſe, and Grainery over it, — 158 *l.* 16 *s.* 6 *d.*

Eſtimate of the Barn only.

	£.	s.	d.
13 Rod and Three-fourths of Brick Walls, reduc'd to one Brick and an Half thick, at 5 *l.* 8 *s. per* Rod,	74	5	0
4 Square of Barn-Floor of Oak Joiſt, and 2 Inch and an Half Plank, at 4 *l.* 2 *s. per* Square,	16	8	0

	£.	s.	d.
2 Pair of Barn Door-Frames and Doors compleat,	9	0	0
16 Square of Roofing, at 2 *l.* *per* Square,	32	0	0
16 Square and an Half of Pantiling, at 18 *s.* *per* Square,	14	7	0
2 Doors and Frames to the Pitching Holes,	1	12	0
The whole Expence of the Barn only, — 147 *l.* 12 *s.* 0 *d.*			
Total Expence of the whole Buildings, &c. — £.	848	17	0

PLATE VII.

THIS Plate ſhews the Plan and Elevation of a Farm-Houſe and Offices, whoſe Walls are ſuppoſed to be built with Stone, and is eſtimated according to the cuſtomary Meaſurements and Prices of the Counties therein mentioned.

REFERENCES.

	Feet	Inches		Feet	Inches
A, Front Court	60	0	by	24	0
B, Porch	9	0		5	0
C, Paſſage	9	0		4	0
D, Stairs	11	0		6	0
E, Pantry	11	0		10	0
F, Kitchen	20	0		16	9
G, Back Kitchen	16	0		10	0
H, Dairy-Room	16	0		10	0
I, Parlour	16	4		11	0
K, Garden	50	0		46	0
L, Common Court-Yard	50	0		36	6
M, Open Sheds	45	6		8	0
N, Bog-houſe	8	0		4	0
O, Hog-ſtye	12	0		10	0
P, Sheds	32	6		12	0
Q, Barn-Yard	112	0		84	0
R, Barn	38	0		23	0
S, Sheds for Cattle	45	0		12	0
T, Cart-houſe, and Grainery over it	23	0		18	0
V, Stable, with a Loft over it	23	0		20	0

N. B. An arch'd Cellar is intended under the Kitchen, mark'd in the Plan F.

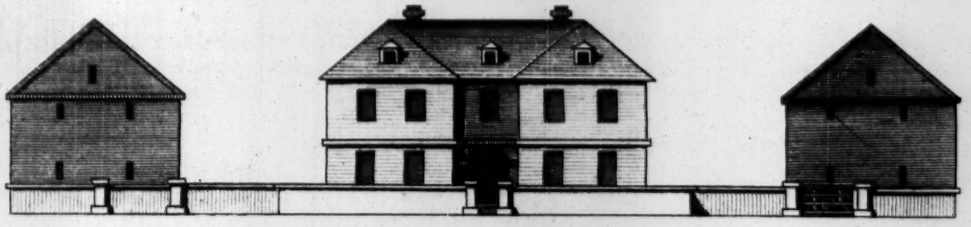
The Thickneſs of the ſeveral Walls.

All below the Surface of the Earth is 2 Feet thick, and the firſt Story of the Dwelling-houſe, with the Barn up to the Wall-Plate, and the firſt Story of the Stable and Cart-houſe, are 22 Inches thick, and all the Walls of the upper Stories, low Buildings, and Mounds, are 20 Inches thick.

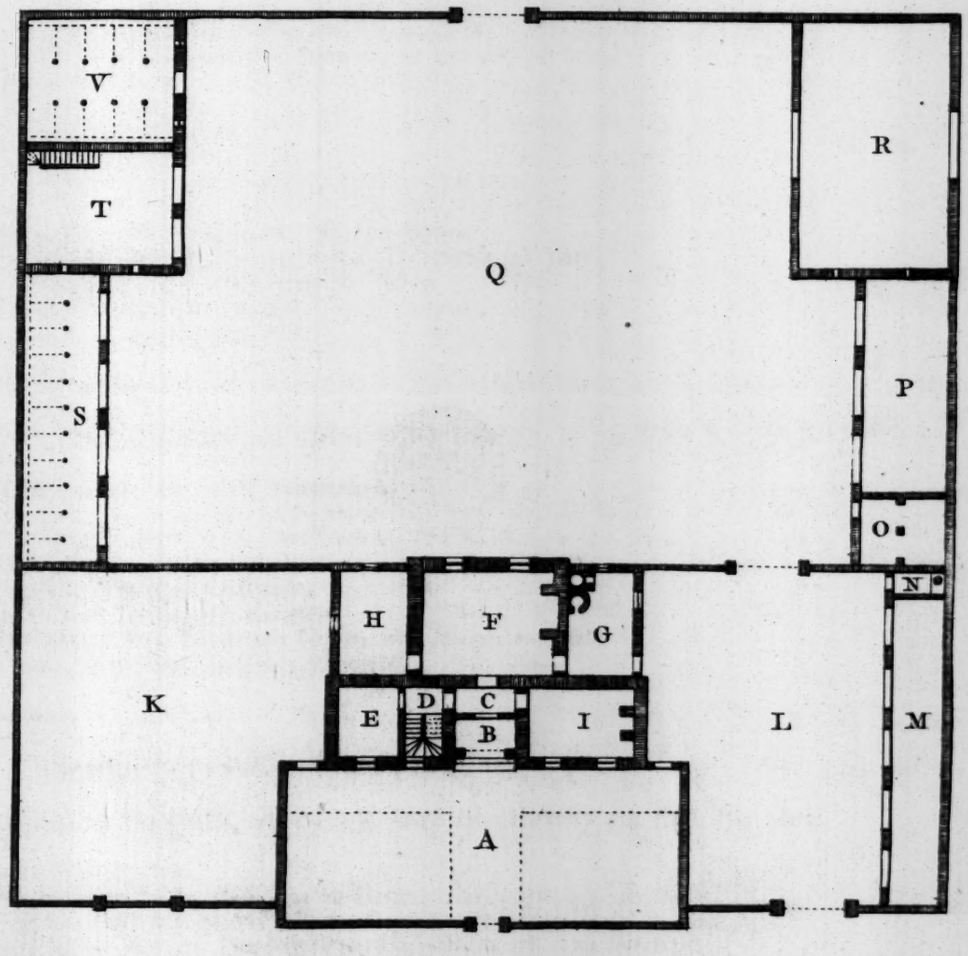
An Eſtimate of the Dwelling-houſe and Court, mark'd on the Plan from the Letter A *to* K.

	£.	s.	d.
To digging the Cellars, and for the Foundations,	4	10	0
519 Perch of rough Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 6 *d.* *per* Perch,	90	16	6
			47 Yards

Plate 7.



A Plan and Elevation for the County's of Glocaster Wilts Somerset &c.



Scale 10 5 10 20 30 40 50 60 70 80 90 100 110 Feet

W Halfpenny Inv.t

30
58
JUN

	£.	s.	d.
47 Yards of rough Flag Pavement in the Cellars, at 20 *d.* *per* Yard,			
19 Yards and an Half of punch'd Flag Pavement in the back Kitchen, at 2 *s.* *per* Yard,	3	18	4
86 Yards of gray Stone Pavement, 2 Inches and an Half thick, chiſel'd and laid in Courſes in the Kitchen, Porch, Paſſage, Pantry, and Dairy, at 3 *s.* *per* Yard,	1	19	0
12 Steps of *ditto* to the Cellar, at 2 *s.* 6 *d.* each,	12	18	0
66 Yards of Pitching in the Court mark'd A, at 15 *d.* *per* Yard,	1	10	0
1 Square and Three-fourths of Ground Joiſt and Boarding in the Parlour, at 52 *s.* *per* Square,	4	2	6
12 Square and an Half of Joiſt and Boarding in the Chambers and Garrets, at 52 *s.* *per* Square,	4	11	0
3 Square of quarter'd Partitions, at 15 *s.* *per* Square,	32	10	0
7 Square and an Half of Cieling Joiſt and Aſhlers in the Dairy, Paſſage, and Garrets, at 18 *s.* *per* Square,	2	5	0
20 Square of Roofing, at 32 *s.* *per* Square,	6	15	0
15 Tranſum Window-Frames of Oak, at 8 *s.* 6 *d.* each,	32	0	0
2 Small, *ditto*, at 5 *s.* each,	6	7	6
5 Luthren Windows, with Cheek-boards, at 10 *s.* each,	0	10	0
10 Oak Door-Frames and ledg'd Doors, at 18 *s.* each,	2	10	0
3 Ledg'd Doors without Frames, at 9 *s.* each,	9	0	0
A front Gate and Poſts at the Entrance of the front Court,	1	7	0
18 Steps of Stairs, with Hand-rail, Strings and Bearers to the firſt Story, at 3 *s.* *per* Step,	1	2	0
17 Steps of *ditto* to Garret-Stairs over the Entrance, at 2 *s.* 6 *d.* *per* Step,	2	14	0
17 Window-boards and Blocks,	2	2	6
To Dreſſers, Shelves, Racks, *&c.*	0	17	0
To Lintels and other Bond Timbers,	3	3	0
3 Doors and Frames in the Garrets, at 16 *s.* each,	1	5	0
To Smith's Work, as Caſements, Hinges, Locks, Latches, *&c.*	2	8	0
To Painting,	4	15	0
21 Square and one Fourth of Pantiling, at 18 *s.* *per* Square,	2	10	0
247 Yards of Lath and plaiſter'd Cielings, at 7 *d.* Half-penny *per* Yard,	19	2	6
610 Yards of Rendering, at 3 *d.* Half-penny *per* Yard,	7	14	4 ½
211 Feet of leaded Glaſs, at 7 *d.* *per* Foot,	8	17	11
To a Center to turn the Arch of the Cellar,	6	3	1
	1	5	0

The Expence of the Dwelling-houſe, *&c.* mark'd on the Plan from the Letter A to I, — 281 *l.* 15 *s.* 2 ½

An Eſtimate of the ſmall Buildings and Mound-Walls, mark'd in the Plan KLMNOPQS.

	£.	s.	d.
To digging the Bog-houſe, and for the Foundations,	1	10	0
271 Perch of Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 3 *d.* *per* Perch,	44	1	9
400 Yards of Pitching in the Court L, and Sheds M O P S, at 15 *d.* *per* Yard,	25	0	0
23 Square of Roofing, at 24 *s.* *per* Square,	27	12	0
24 Square of Pantiling, at 18 *s.* *per* Square,	16	12	0
To a Gate and Poſts to the Hog-ſtye compleat,	0	18	0
To a Bog-houſe, Floor, Seat, Door, and Frame, with Hinges and Bolt,	1	10	0
3 Five-barr'd Gates, with Poſts, Hinges, and Staples,	4	10	0
To Painting,	0	7	0
11 Cow or Ox-ſtalls,	7	3	0

The whole Expence of the ſmall Buildings, Mound-Walls, *&c.* — 129 *l.* 3 *s.* 9 *d.*

An Eſtimate of the Stable, Cart-houſe, with the Grainery and Loft over them.

	£.	s.	d.
To digging for the Foundations,	0	5	0
255 Perch of rough Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 4 *d.* *per* Perch,	42	10	0
4 Square of Joiſt and Boarding, groov'd and tong'd, to the Grainery, at 3 *l.* 2 *s.* *per* Square,	12	8	0
4 Square and an Half of Joiſt and Boarding to the Hay-loft, at 2 *l.* 12 *s.* *per* Square,	12	14	0
13 Square and an Half of Roofing, at 32 *s.* *per* Square,	21	12	0
To the Stairs, and a Partition over it, with a Door, Hinges, and Lock,	2	10	0
To a Stable-Door and Frame, with Hinges, Lock, and Latch,	1	8	0
2 Two-light Window-Frames, at 5 *s.* each,	0	10	0
To a Hay-loft, Door, and Frame, with Hinges and Bolt,	1	3	0
44 Feet of Rack and Manger, at 3 *s.* 6 *d.* *per* Foot,	7	14	0
		14 Feet	

	£.	s.	d.
14 Feet of leaded Glaſs, at 7 *d. per* Foot,	0	8	2
14 Square and an Half of Pantiling, at 18 *s. per* Square,	13	1	0
To Painting,	0	6	0
97 Yards of Pitching, at 15 *d. per* Yard,	6	3	9

The whole Expence of the Stable, Cart-houſe, Grainery, and Hay-loft, — 122 *l.* 12 *s.* 11 *d.*

An Eſtimate of the Barn only.

	£.	s.	d.
To digging for the Foundations,	0	4	6
216 Perch of rough Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 4 *d. per* Perch,	36	0	0
13 Square and an Half of Roofing, at 32 *s. per* Square,	21	12	0
3 Square and one Fourth of Barn-Floor Ground Joiſt of Oak, and 2 Inches and an Half Oak Plank, at 4 *l.* 2 *s. per* Square,	13	6	6
2 Barn Doors, Frames, *&c.* compleat,	9	0	0
14 Square and an Half of Pantiling, at 18 *s. per* Square,	13	1	0

The whole Expence of the Barn, — 93 *l.* 4 *s.* 0 *d.*

Total Expence of the whole Buildings, — £. 621 14 9 ½

PLATE VIII.

THIS Plate ſhews the Plan and Elevation of a Farm-Houſe, eſtimated by the ſame Rule as the foregoing Plate.

REFERENCES.

	Feet	Inches		Feet	Inches
A, Barn-Yard	144	0	by	80	0
B, Barn	38	0		23	0
C, Cart-houſe and Grainery	25	0		23	0
D, Calf-houſe	23	0		14	0
E, Hog-ſtye	19	0		14	0
F, Bog-houſes	9	0		4	0
G, Court-Yard	29	0		29	0
H, Shed	11	0		9	0
I, *Ditto*	11	0		9	0
K, Paſſage and Stairs	14	0		7	0
L, Kitchen	16	0		15	0
M, Parlour	16	0		14	0
N, Cupboard	4	0		4	0
O, Pantry	8	0		6	0
P, Dairy-Room	13	6		13	6
Q, Stable	23	6		20	0
R, Stable-yard	29	0		29	0
S, S, Sheds for Cattle	50	0		9	0

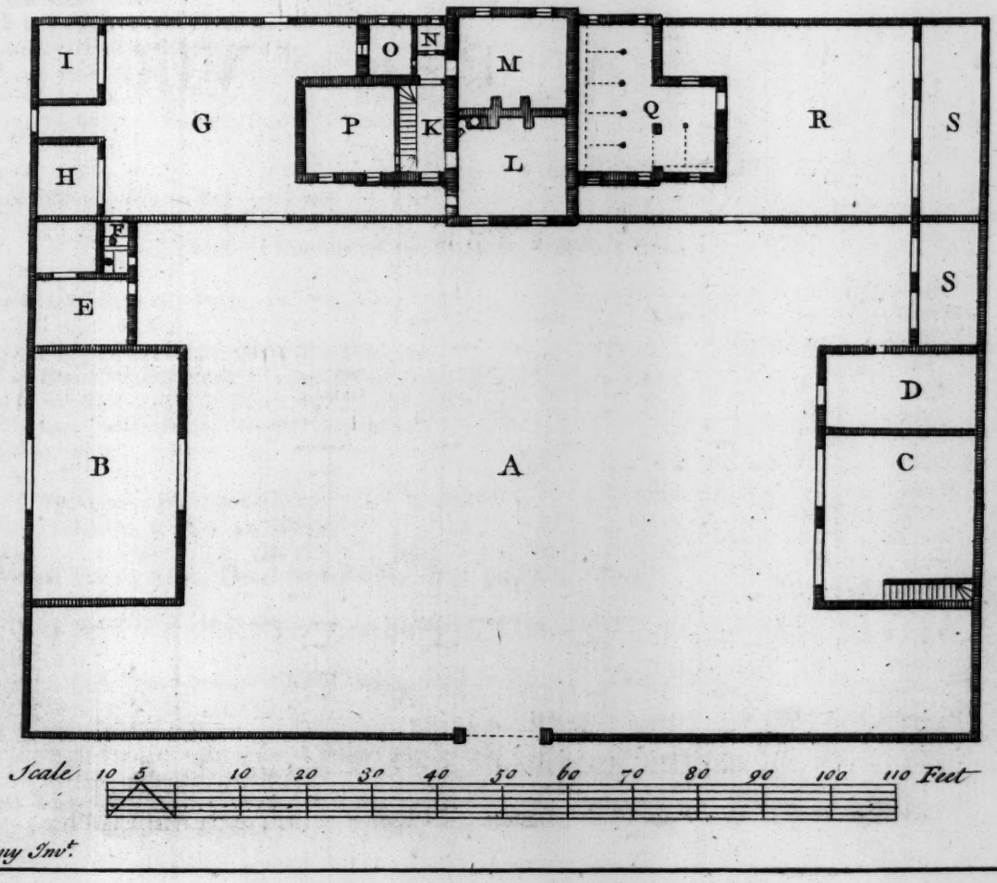
N. B. An arch'd Cellar is intended under the Kitchen and Paſſage K.

The Thickneſs of the Walls are proportioned and eſtimated as thoſe to the foregoing Plate.

An

Plate 8.

A Plan and Elevation for the County's of Glocester, Wilts, Somerset &c.



Wm Halfpenny Invt.

BRITISH MUSEUM
30
58
JUN

An Eſtimate of the Dwelling-houſe and Stable.

	£.	s.	d.
To digging the Cellars, and for the Foundations,	4	10	0
412 Perch of rough Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 6 *d. per* Perch,	72	2	0
37 Feet of rough Flag Pavement in the Cellars, at 20 *d. per* Foot,	3	1	8
65 Yards of gray Stone Pavement, 2 Inches and an Half thick, chiſel'd and laid in Courſes in the Kitchen, Paſſage, Dairy, *&c.* at 3 *s. per* Foot,	9	15	0
12 Steps of *ditto* leading to the Cellar, at 3 *s. per* Step,	1	16	0
To Centers for turning the arch'd Cellars,	1	5	0
44 Yards of Pitching in the Stable, at 15 *d. per* Yard,	2	15	0
2 Square and one Fourth of Ground Joiſt and Boarding in the Parlour, at 52 *s. per* Square,	5	17	0
6 Square and an Half of Joiſt and Boarding in the Chambers, at 52 *s. per* Square,	16	18	0
3 Square and an Half of *ditto* in the Hay-loft, at 50 *s. per* Square,	8	15	0
18 Steps of Stairs, with Hand-rail, String-board, *&c.* at 3 *s. per* Step,	2	14	0
4 Square and one Fourth of quarter'd Partitions, at 14 *s. per* Square,	2	19	6
6 Door-Frames and ledg'd Doors, at 18 *s.* each,	5	8	0
2 *Ditto* to Paſſage and Stable, at 22 *s.* each,	2	4	0
2 Doors without Frames, at 9 *s.* 6 *d.* each,	0	19	0
1 Leſſer, *ditto*, to the Cupboard,	0	6	6
14 Tranſum Windows, at 8 *s.* 6 *d.* each,	5	19	0
3 Small, *ditto*, at 5 *s.* each,	0	15	0
20 Square and an Half of Roofing, at 30 *s. per* Square,	30	15	0
5 Square and Three-fourths of Cieling Joiſt over the Chambers, at 16 *s. per* Square,	4	12	0
33 Feet of Rack and Manger in the Stable, at 3 *s.* 6 *d. per* Foot,	5	15	6
16 Window-Boards and Blocks,	0	16	0
Dreſſers, Shelves, Racks, *&c.*	3	3	0
To Lintels and other Bond Timbers,	1	5	0
To a Beam Oak Poſt and Baſe over Q,	1	6	0
21 Square and an Half of Pantiling, at 18 *s. per* Square,	19	7	0
152 Yards of Lath and Plaiſtering, at 7 *d.* Half-penny *per* Yard,	4	15	0
458 Yards of rendering Walls, at 3 *d.* Half-penny *per* Yard,	6	13	7
To Smith's Work, as Caſements, Locks, Hinges, Latches, Bolts, *&c.*	4	5	0
To Painting,	2	0	0
181 Feet of leaded Glaſs, at 7 *d. per* Foot,	5	5	7

The whole Expence of the Dwelling-houſe and Stable, — 237 *l.* 18 *s.* 4 *d.*

An Eſtimate of the ſmall out Buildings, Mound-Walls, &c. *mark'd in the Plan* AEFHIGRSS.

	£.	s.	d.
To digging the Bog-houſes, and for the Foundations,	1	15	0
296 Perch of Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 3 *d. per* Perch,	48	2	0
349 Yards of Pitching in the 2 Courts and ſmall Buildings, at 15 *d. per* Yard,	21	16	3
1 Five-barr'd Gate, with Poſts, Hinges, and Staple,	1	10	0
2 *Ditto*, 6 Feet wide,	2	0	0
3 Cloſe Gates, Poſts, *&c.*	2	14	0
11 Square of Roofing, at 24 *s. per* Square,	13	4	0
12 Square of Pantiling, at 18 *s. per* Square,	10	16	0
To Painting,	0	8	6
To 2 Bog-houſe Floors, Seats, Doors, and Frames, with Hinges and Bolts,	2	10	0

The whole Expence of the ſmall out Buildings, Mound-Walls, *&c.* — 104 *l.* 15 *s.* 9 *d.*

An Eſtimate of the Cart-houſe, &c. *mark'd in Plan* C D.

	£.	s.	d.
To digging for the Foundations,	0	5	0
200 Perch of rough Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 4 *d. per* Perch,	33	6	8
94 Yards of Pitching, at 15 *d. per* Yard,	5	17	6
8 Square and Three-fourths of Joiſt and Boarding, at 2 *l.* 12 *s. per* Square,	22	15	0
11 Square and one Fourth of Roofing, at 32 *s. per* Square,	18	0	0

12 Square

	£.	s.	d.
12 Square of Pantiling, at 18 *s.* *per* Square,	10	16	0
A Door-Frame and Door, with Hinges, Lock and Latch to the Calf-houſe,	1	2	0
To the Stairs and Partition over it, with a Door, Hinges, Lock, and Latch,	2	10	0
To Painting,	0	3	6
3 Two-light Window-Frames,	0	18	0
18 Feet of leaded Glaſs, at 7 *d.* *per* Foot,	0	10	6

The whole Expence of the Building, mark'd in the Plan C D, — 96 *l.* 4 *s.* 2 *d.*

An Eſtimate of the Barn.

	£.	s.	d.
To digging for the Foundations,	0	4	6
216 Perch of rough Stone-Walls, reduc'd to 20 Inches thick, at 3 *s.* 4 *d.* *per* Perch,	36	0	0
13 Square and an Half of Roofing, at 32 *s.* *per* Square,	21	12	0
14 Square and an Half of Pantiling, at 18 *s.* *per* Square,	13	1	0
3 Square and one Fourth of Barn Flooring, at 4 *l.* 2 *s.* *per* Square,	13	6	6
2 Barn Door-Frames and Doors compleat,	9	0	0

The whole Expence of the Barn, — 93 *l.* 4 *s.* 0 *d.*

Total Expence of the whole Buildings, &c. — £. 532 2 3

PLATE IX.

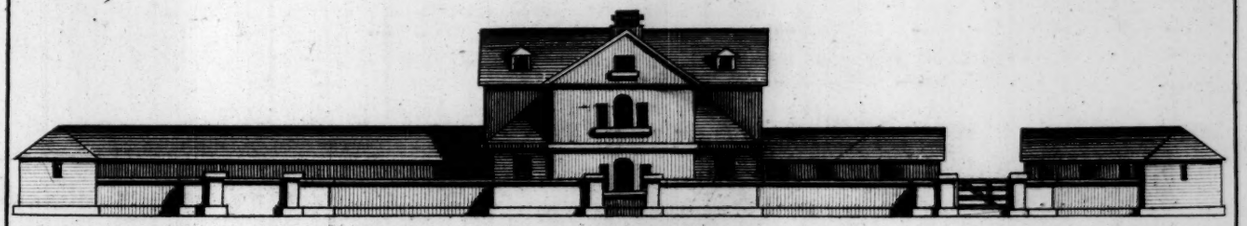
THIS Plate ſhews the Plan and Elevation of a large Farm-Houſe and Offices, whoſe Walls are ſuppoſed to be built with Brick, whoſe Eſtimate is calculated by the Prices of the Counties therein mentioned.

REFERENCES.

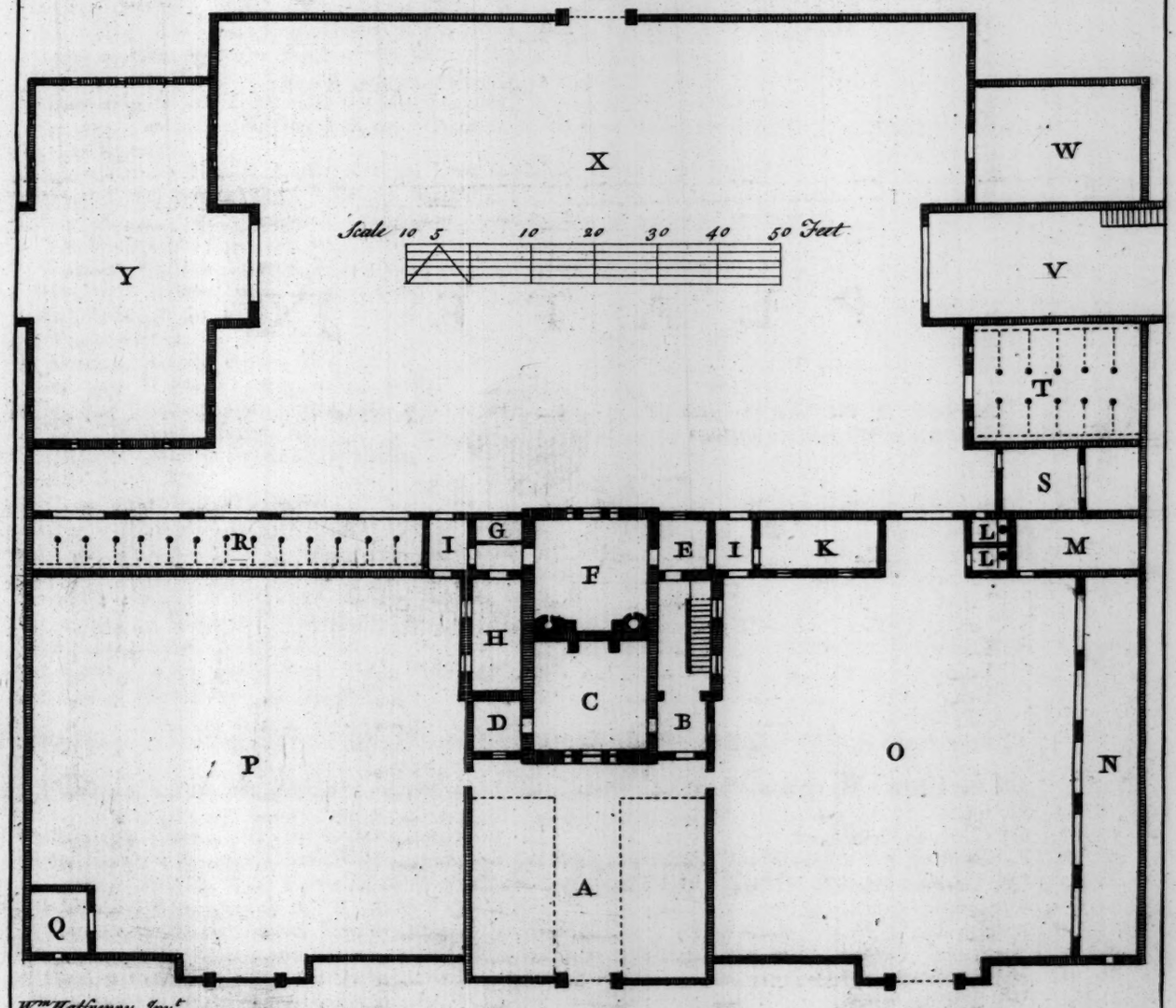
	Feet	Inches		Feet	Inches
A, Front Court	38	0	by	36	0
B, Entrance and Stairs	29	0		8	6
C, Parlour	19	0		19	0
D, Cloſet	9	0		8	0
E, Paſſage, &c.	9	0		8	0
F, Kitchen	19	0		19	0
G, Pantry	8	6		4	0
H, Dairy-Room	19	0		9	0
I, I, Paſſages	8	6		6	0
K, Store-Room	19	0		8	6
L, L, Bog-houſes	5	0		4	0
M, Hen-houſe	20	0		8	6
N, Sheds	63	0		9	6
O, Common Court-yard	63	0		58	0
P, Garden	70	0		63	0
Q, Garden-houſe	9	0		9	0
R, Cow-ſtalls, &c.	64	0		9	6
S, Hog-ſtye	21	6		12	0
T, Stable	28	0		20	0
V, Cart-houſe, and Grainery over it	40	0		18	0
W, Calf-houſe, &c.	28	0		20	0

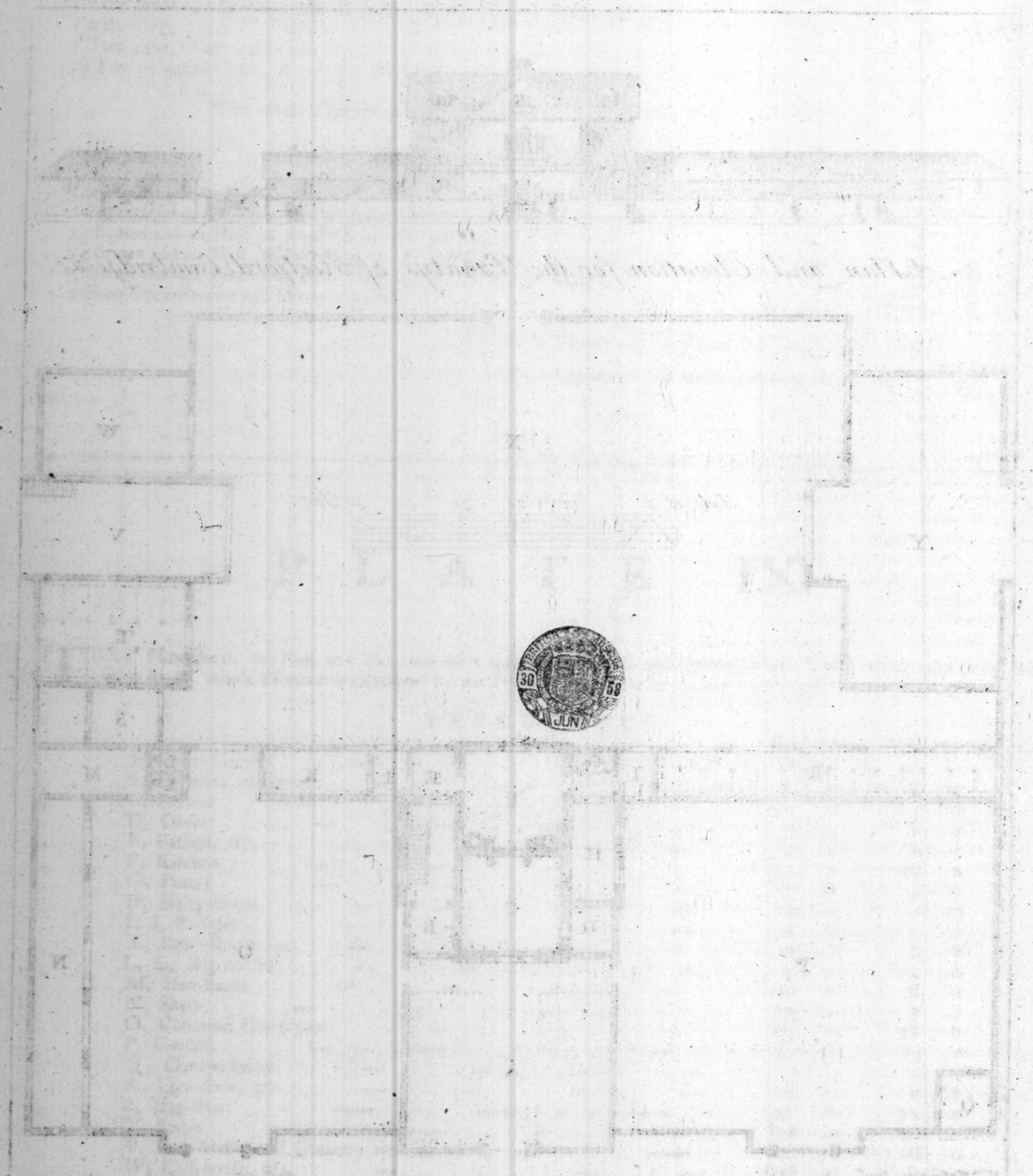
X, Barn-

Plate 9.



A Plan and Elevation for the County's of Hertford, Cambridge &c.





	Feet	Inches		Feet	Inches
X, Barn-yard	122	0	by	82	0
Y, Barn	60	0		28	0

N. B. Cellars are intended under the Kitchen and Entrance, arch'd over with Brick.

All the Foundation-Walls, and the firſt Story of the Houſe, mark'd on the Plan H F C, with the Stair-Caſe and firſt Story of the Buildings, mark'd in the Plan T V W, and the Barn up to the Wall-Plate, are 2 Bricks thick, and all the other Walls one Brick and an Half, except the Gable-Ends, which are one Brick's Length in Thickneſs.

An Eſtimate of the Dwelling-houſe, &c. mark'd in the Plan from the Letter A *to* K.

	l.	*s.*	*d.*
To digging the Cellars, and for the Foundations,	5	10	0
35 Rod of Brick Walls, reduc'd to one Brick and an Half thick, at 5 *l.* 10 *s. per* Rod,	192	10	0
95 Yards of Brick on Edge Pavement in the Cellars, and in I I and K, at 1 *s.* 8 *d. per* Yard,	7	18	4
85 Yards of Clay-Brick on Edge Pavement in the Kitchen F, Larder G, with Paſſages and Stair-Caſe B E, at 3 *s.* 6 *d. per* Yard,	14	17	6
19 Yards of 10 Inch Tile Pavement in the Dairy, at 2 *s.* 4 *d. per* Yard,	2	4	4
12 Brick Steps with Oak quarter Binders to the Cellar, at 2 *s.* 6 *d.* each,	1	10	0
64 Yards of Pitching to the Walks of the front Court, at 15 *d. per* Yard,	4	0	0
4 Square and one Third of Ground Joiſt and Boarding in the Parlour and Cloſet, at 52 *s. per* Square,	11	5	4
21 Square of Joiſt and Boarding in the Chambers and Garrets, at 52 *s. per* Square,	54	12	0
13 Square and an Half of Cieling Joiſt and Aſhlers in the Garrets, and in the ſhedded Buildings, B D G E, at 18 *s. per* Square,	12	3	0
16 Square and one Fifth of Roofing over the Dwelling-houſe, at 32 *s. per* Square,	25	18	4 ½
9 Square of *ditto* over the ſmall Buildings, mark'd B D G I I E K, at 24 *s. per* Square,	10	16	0
36 Steps of Stairs, with Hand-rail, String-board, Bearers, *&c.* at 3 *s.* 6 *d. per* Step,	6	6	0
19 Door-Frames and Doors, at 19 *s.* each,	18	1	0
13 Tranſum Window-Frames, at 9 *s.* each,	5	17	0
4 *Ditto*, with circular Heads, at 12 *s.* each,	2	8	0
8 Small, *ditto*, at 5 *s.* each,	2	0	0
23 Window-Boards,	1	3	0
To Dreſſers, Shelves, Racks, *&c.*	3	0	0
2 Two-light Window-Frames, at 6 *s.* each,	0	12	0
2 Tranſum Windows with Cheeks, *&c.* at 11 *s.* each,	1	2	0
To Bond Timbers, Lintels, *&c.*	1	18	0
To a Pair of Gates and Poſts to the Court,	2	0	0
2 Small Gates, *ditto*,	1	18	0
To Centers for the arch'd Cellars,	1	10	0
26 Square and an Half of Pantiling, at 18 *s. per* Square,	23	17	0
393 Yards of Lath and Plaiſtering, at 7 *d.* Half-penny *per* Yard,	12	5	7 ½
722 Yards of rendering Walls, at 3 *d.* Half-penny *per* Yard,	10	10	7
To Smith's Work, as Caſements, Locks, Hinges, Bolts, *&c.*	7	0	0
To painting 17 Window-Frames three Times in Oil,	0	17	0
8 Small, *ditto*, three Times in Oil,	0	4	0
100 Yards of *ditto*, three Times in Oil, at 6 *d. per* Yard,	2	10	0
200 Feet of leaded Glaſs, at 7 *d. per* Foot,	5	16	8

The whole Expence of the Dwelling-houſe, *&c.* mark'd on the Plan from the Letter A to K, 454 *l.* 1 *s.* 9 *d.*

An Eſtimate of all the out Buildings and Mound-Walls, mark'd on the Plan from the Letter L *to* S.

	l.	*s.*	*d.*
To digging the Bog-houſes, and for the Foundations,	3	10	0
18 Rod and one Fourth of Brick Walls, reduc'd to one Brick and an Half thick, at 5 *l.* 5 *s. per* Rod,	95	16	3
29 Yards of Brick on Edge Pavement in the ſmall Buildings, mark'd M Q, at 1 *s.* 8 *d. per* Yard,	1	17	8
588 Yards of Pitching in O N S R, at 15 *d. per* Yard,	36	15	0
23 Square and Three-fourths of Roofing, at 24 *s. per* Square,	28	10	0
To Floors, Seats, Doors, and Frames, with Hinges and Bolts to 2 Bog-houſes,	3	0	0
A Gate, with Poſts, Hinges and Staple to the Hog-ſtye,	0	18	0
3 Five-barr'd Gates, with Poſts, Hinges, *&c.*	4	10	0

	£.	s.	d.
2 Door-Frames and Doors, with Hinges, Locks and Latches to the Garden-houſe Q, and Hen-houſe M,	2	2	0
24 Square and an Half of Pantiling, at 18 *s.* *per* Square,	22	1	0
14 Cow-ſtalls, at 14 *s.* each,	9	16	0
To Painting,	0	7	6

The whole Expence of the ſmall Buildings, Mound-Walls, *&c.* mark'd on the Plan from the Letter L to S, — — — — — 209 *l.* 3 *s.* 5 *d.*

An Eſtimate of the Buildings, mark'd in the Plan T V W, *with a Grainery, and Lofts over them.*

To digging for the Foundations,	0	15	0
21 Rod and an Half of Walls, reduc'd to one Brick and an Half thick, at 5 *l.* 8 *s.* *per* Rod,	116	2	0
197 Yards of Pitching, at 15 *d.* *per* Yard,	12	6	3
10 Square of Joiſt and Boarding in the Lofts over the Stable and Calf-houſe, at 52 *s.* *per* Square,	26	0	0
7 Square and one Third of *ditto* in the Grainery over V, the Boards groov'd and tong'd, at 3 *l.* *per* Square,	22	0	0
27 Square of Roofing, at 34 *s.* *per* Square,	45	18	0
To Stairs and Partition, with a Door, Hinges, and Lock,	2	10	0
2 Doors and Frames, with Hinges and Bolts to the Lofts,	2	6	0
2 Tranſum Windows in the Grainery,	0	18	0
2 Doors and Frames, with Hinges, Locks, and Latches, to the Stable and Calf-houſe,	2	10	0
52 Feet running of Rack and Manger, at 4 *s.* *per* Foot,	10	8	0
28 Square of Pantiling, at 18 *s.* *per* Square,	25	4	0
18 Feet of leaded Glaſs, at 7 *d.* *per* Foot,	0	10	6
To Painting,	0	8	0

The whole Expence of the Buildings, mark'd T V W, — 267 *l.* 15 *s.* 9 *d.*

An Eſtimate of the Barn only.

To digging for the Foundations,	0	10	0
18 Rod and an Half of Walls, reduced to one Brick and an Half thick, at 5 *l.* 8 *s.* *per* Rod,	99	18	0
27 Square of Roofing, at 42 *s.* *per* Square,	56	14	0
8 Square of Barn Flooring of Ground Joiſt, and 2 Inch and an Half Planks, at 4 *l.* *per* Square,	32	0	0
2 Pair of Barn Door-Frames and Doors, with bottom Boards, Hinges, and proper Faſtenings,	9	0	0
28 Square of Pantiling, at 18 *s.* *per* Square,	25	4	0

The whole Expence of the Barn — 223 *l.* 6 *s.* 0 *d.*

Total Expence of the whole Buildings, — £. 1154 5 11

PLATE X.

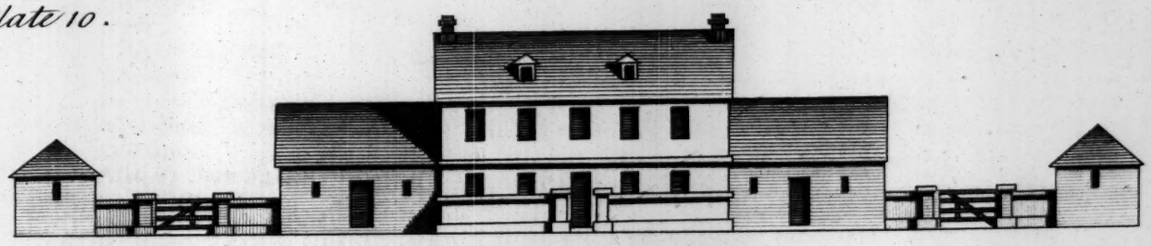
THIS Plate repreſents a Farm-Houſe and Offices, whoſe Eſtimates are calculated according to the cuſtomary Prices of the Counties therein mentioned.

REFERENCES.

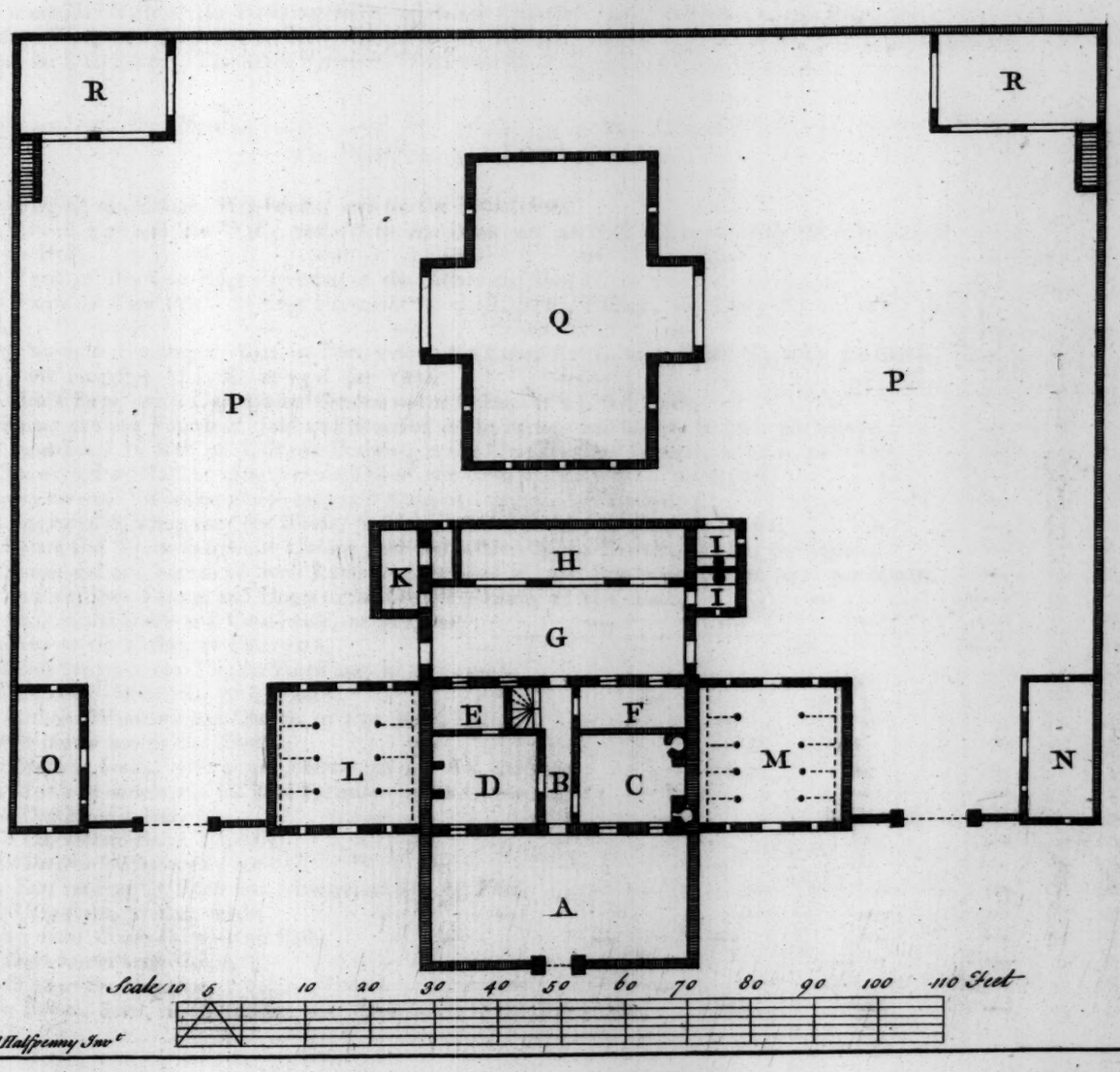
	Feet	Inches		Feet	Inches
A, Front Court — — — —	40	0	by	20	0
B, Paſſage — — — — —	22	0		4	0

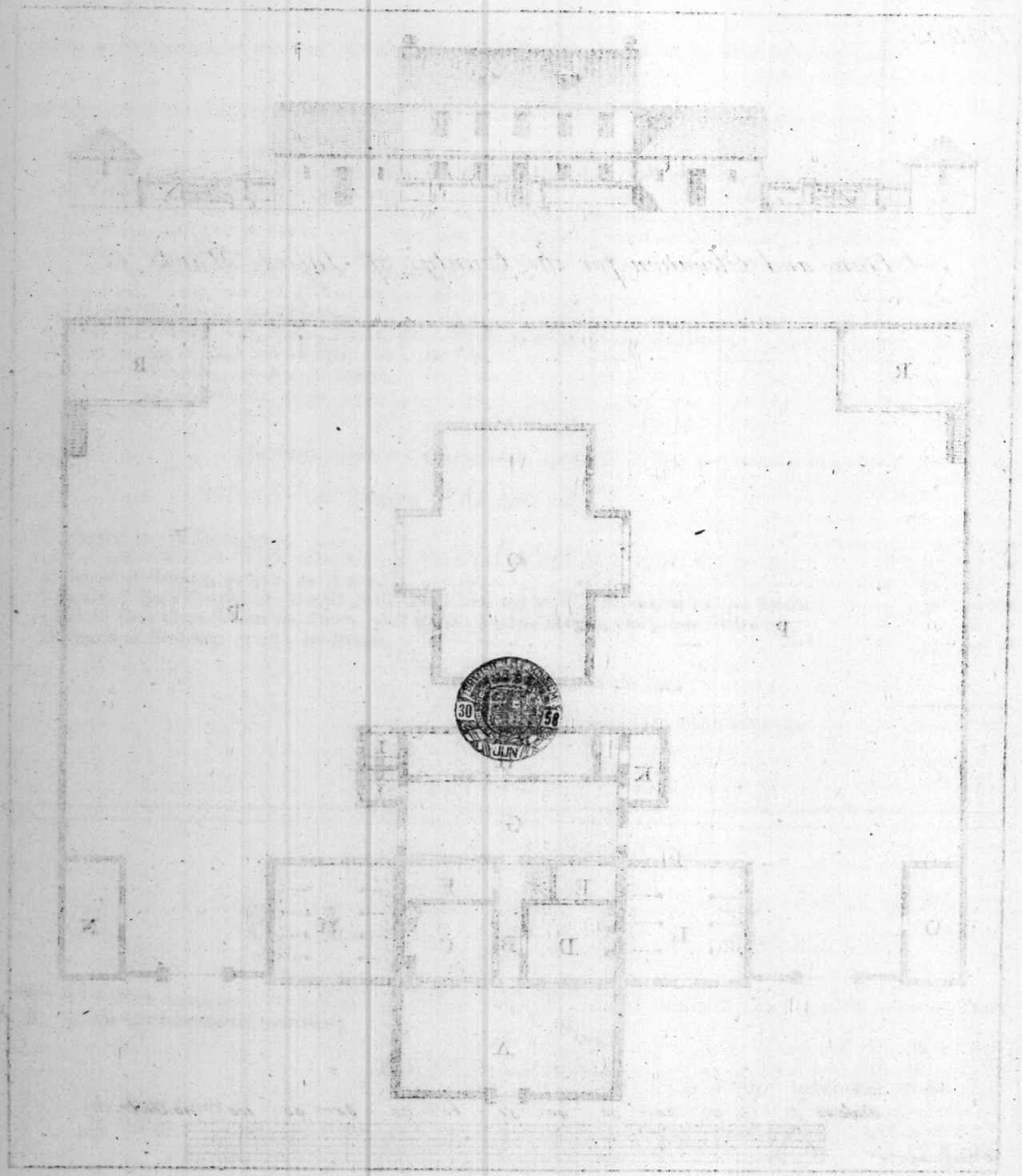
C, Kitchen

Plate 10.



A Plan and Elevation for the County's of Sussex Hants &c.





	Feet	Inches		Feet	Inches
C, Kitchen	16	10	by	15	0
D, Parlour	16	10		15	0
E, Closet	11	0		6	3
F, Dairy-Room	16	10		6	3
G, Back Court	40	0		15	0
H, Sheds	35	0		8	6
I, I, Bog-houses, each	6	0		5	6
K, Hog-stye	11	0		10	0
L, Stable, and Loft over it	22	0		22	0
M, Cow-house, with a Loft over it	22	0		22	0
N, Calf-house	22	0		10	0
O, Master's Store-Room	22	0		10	0
P, P, Barn-Yard	169	0		125	0
Q, Barn	48	0		27	0
R, R, Cart-houses, with Graineries over them	25	0		15	0

N. B. Cellars are intended under the Kitchen, Passage, and Milk-Room, arch'd over with Brick,

The outside Walls of the Dwelling-house, up to the Chamber Floor, and those of the Barn, are 2 Bricks thick, and all the other Walls one Brick and an Half, except the Gable-Ends, and the arch'd Cellars, which are calculated at one Brick's Length in Thickness. The inside Partition-Walls may be of Quarters fill'd with Brick.

An Estimate of the Dwelling-house, and such of the Offices and Mound-Walls, as are mark'd in the Plan from the Letter A *to* M.

	£.	s.	d.
To digging the Cellars, Bog-houses, and for the Foundations,	5	0	0
33 Rod of high and low Walls, reduc'd to one Brick and an Half thick one with the other, at 5 *l.* 7 *s.* 6 *d. per* Rod,	177	7	6
92 Yards of Brick on Edge Pavement in the Cellars and Shed H, at 1 *s.* 8 *d. per* Yard,	7	13	4
54 Yards of Clay Brick on Edge Pavement in the Kitchen, Passage, and Dairy-Room, at 3 *s.* 6 *d. per* Yard,	9	9	0
205 Yards of Pitching a Walk 10 Feet wide in the Court A, the back Court G, with the Stable, Cow-house, and Hog-stye M L K, at 15 *d. per* Yard,	13	13	3
12 Brick Steps, with Oak quarter Binders to the Cellar, at 2 *s.* 6 *d.* each,	1	10	0
3 Square and one Fourth of Joist and Boarding in the Parlour and Closet, at 52 *s. per* Square,	8	9	0
17 Square and an Half of Joist and Boarding in the Chambers and Garrets, at 52 *s. per* Square,	45	10	0
9 Square and an Half of *ditto* over the Stables and Cow-house, at 50 *s. per* Square,	23	15	0
14 Square and Three-fourths of quarter'd Partitions, at 15 *s. per* Square,	11	1	3
33 Square of Roofing over the House, Stables, and Cow-house, at 30 *s. per* Square,	49	10	0
6 Square and Three-fourths of Cieling Joist and Athlers in the Garrets, at 16 *s. per* Square,	5	8	0
8 Square and one Fourth of small Roofs over the Shed H, and Bog-houses I I, at 24 *s. per* Square,	9	18	0
2 Outside Door-Frames and Doors to the Dwelling-house, at 25 *s.* each,	2	10	0
4 *Ditto* to the Stable and Cow-house, at 22 *s.* each,	4	8	0
2 *Ditto* to the Cellar, at 18 *s.* each,	1	16	0
8 Inside Doors in the Timber Partitions, at 10 *s.* each,	4	0	0
18 Transum Windows, at 9 *s.* each,	8	2	0
4 Luthren Windows and Cheeks, at 11 *s.* each,	2	4	0
22 Window boards and Blocks,	1	2	0
32 Steps of Stairs, with proper Bearers, at 2 *s.* 8 *d. per* Step,	4	5	4
31 Yards of whole and slit Deal Partitions in the Garrets, at 2 *s. per* Yard,	3	2	0
To Dressers, Shelves, *&c.*	2	10	0
To Lintels and Bond Timbers,	1	10	0
To Centers for the arch'd Cellar,	1	15	0
44 Feet running of Rack and Manger, at 4 *s. per* Foot,	8	16	0
10 Cow-stalls, at 14 *s.* each,	7	0	0
To a front Court-Gate, with Posts,	1	4	0
2 *Ditto* to the back Court,	2	0	0
1 *Ditto* to the Hog-stye,	0	18	0
To Floors, Seats, and Door-Frames, with Doors to the Bog-houses,	3	0	0

To

	£.	s.	d.
To Smith's Work, as Caſements, Hinges, Locks, Latches, Bolts, &c.	6	10	0
43 Square of Pantiling, at 18 s. *per* Square,	38	14	0
To Painter's Work,	3	0	0
177 Feet of leaded Glaſs, at 7 d. *per* Foot,	5	3	3
293 Yards of Lath and Plaiſtering, at 7 d. Half-penny *per* Yard,	9	3	1 ½
557 Yards of rendering Walls, at 3 d. Half-penny *per* Yard,	8	2	5

The whole Expence of the Dwelling-houſe, with all the Buildings, mark'd on the Plan from A to M, — 498 l. 19 s. 6 d.

An Eſtimate of the Buildings O N R R, *and the Mound-Walls about the Barn-yard.*

	£.	s.	d.
To digging for the Foundations,	2	0	0
15 Rod and an Half of Walls, reduc'd to one Brick and an Half thick, at 5 l. 5 s. *per* Rod,	81	7	6
49 Yards of Brick on Edge Pavement in the Buildings, mark'd O and N, at 1 s. 8 d. *per* Yard,	4	1	8
83 Yards of Pitching in the Cart-houſes, at 15 d. *per* Yard,	5	3	9
7 Square and an Half of Joiſt and Boarding to the Grainery Floors, the Boards groov'd and tong'd, at 3 l. *per* Square,	22	10	0
12 Square and Three-fourths of Roofing over the Grainery, at 30 s. *per* Square,	19	2	6
8 Square and an Half of *ditto* over the Buildings, mark'd O N, at 24 s. *per* Square,	10	4	0
30 Brick Steps, with Oak quarter Binders, to the Graineries, at 2 s. 6 d. *per* Step,	3	15	0
4 Door-Caſes, with Doors, Hinges, and Locks, at 22 s. each,	4	8	0
4 Two-light Window-Frames to the Graineries, at 6 s. each	1	4	0
22 Square and an Half of Pantiling, at 18 s. *per* Square,	20	5	0
32 Feet of leaded Glaſs, at 7 d. *per* Foot,	0	18	6
2 Five-barr'd Gates, with Poſts, Hinges, &c.	3	0	0
To Painting,	0	7	6

The whole Expence of the Buildings O N R R, and the Mound-Walls about the Barn-yard, 178 l. 7 s. 5 d.

An Eſtimate of the Barn only.

	£.	s.	d.
To digging for the Foundations,	0	8	0
18 Rod and an Half of Walls, reduc'd to one Brick and an Half thick, at 5 l. 8 s. *per* Rod,	99	18	0
5 Square and Three-Fourths of Barn Floor of Oak Joiſt, and 2 Inch and an Half Plank, at 3 l. 16 s. *per* Square,	21	17	0
2 Barn Door-Frames and Doors compleat,	9	0	0
25 Square of Roofing, at 38 s. *per* Square,	47	10	0
26 Square and one Fourth of Pantiling, at 18 s. *per* Square,	23	12	6
The whole Expence of the Barn, — 202 l. 5 s. 6 d.			
Total Expence of the whole Buildings, &c. — £.	879	12	5

PLATE

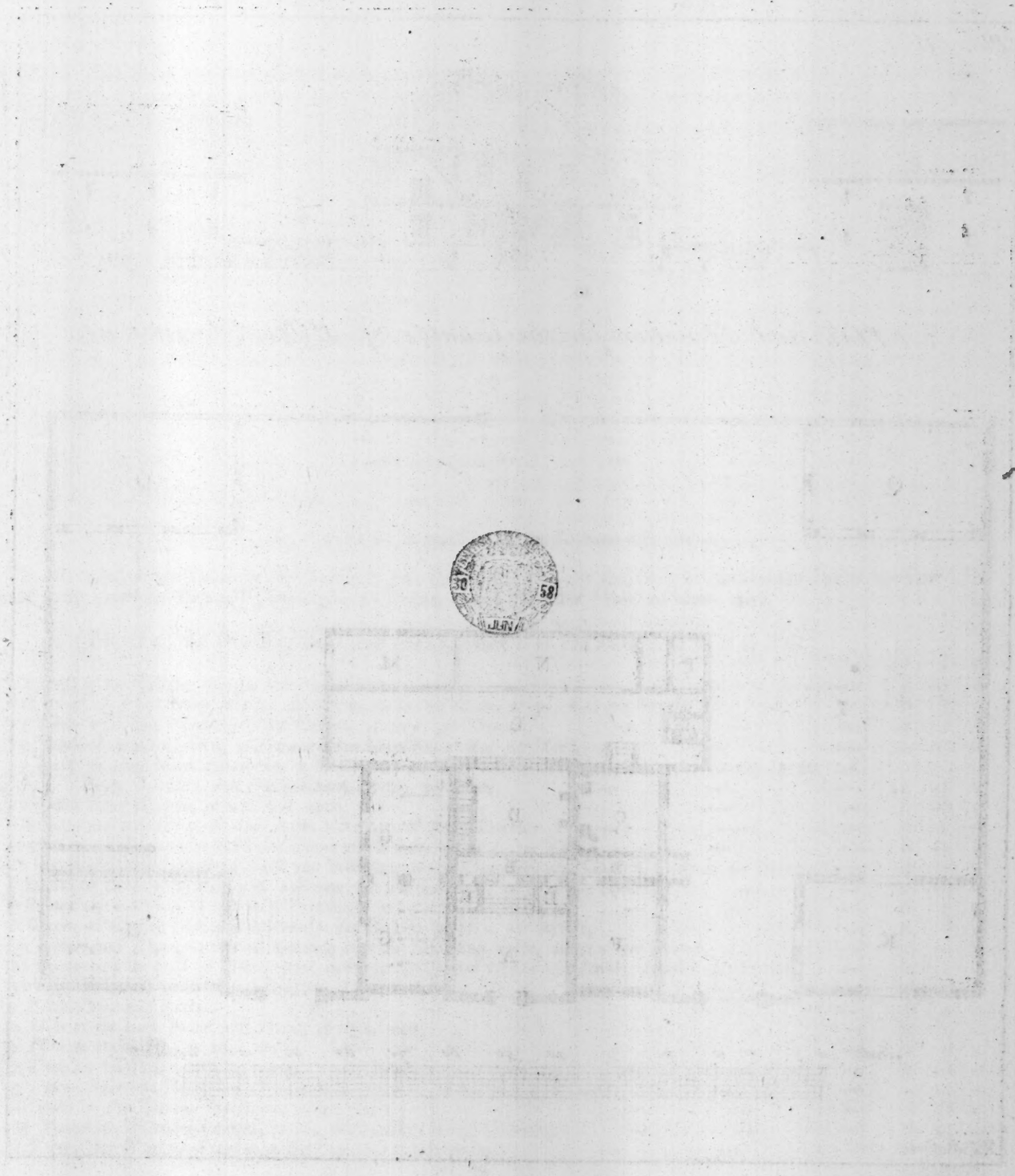
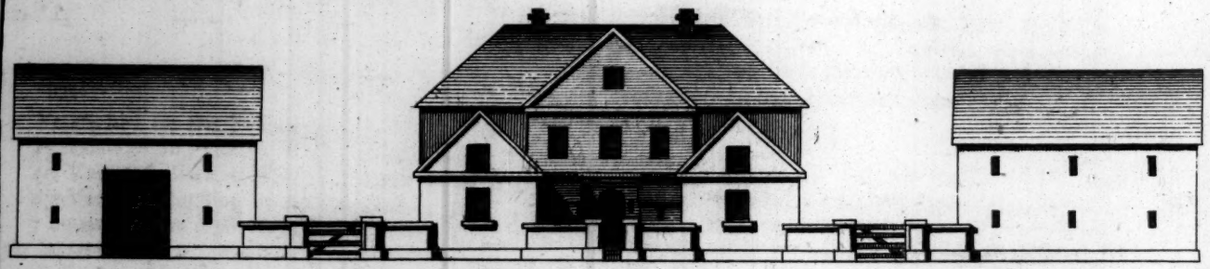
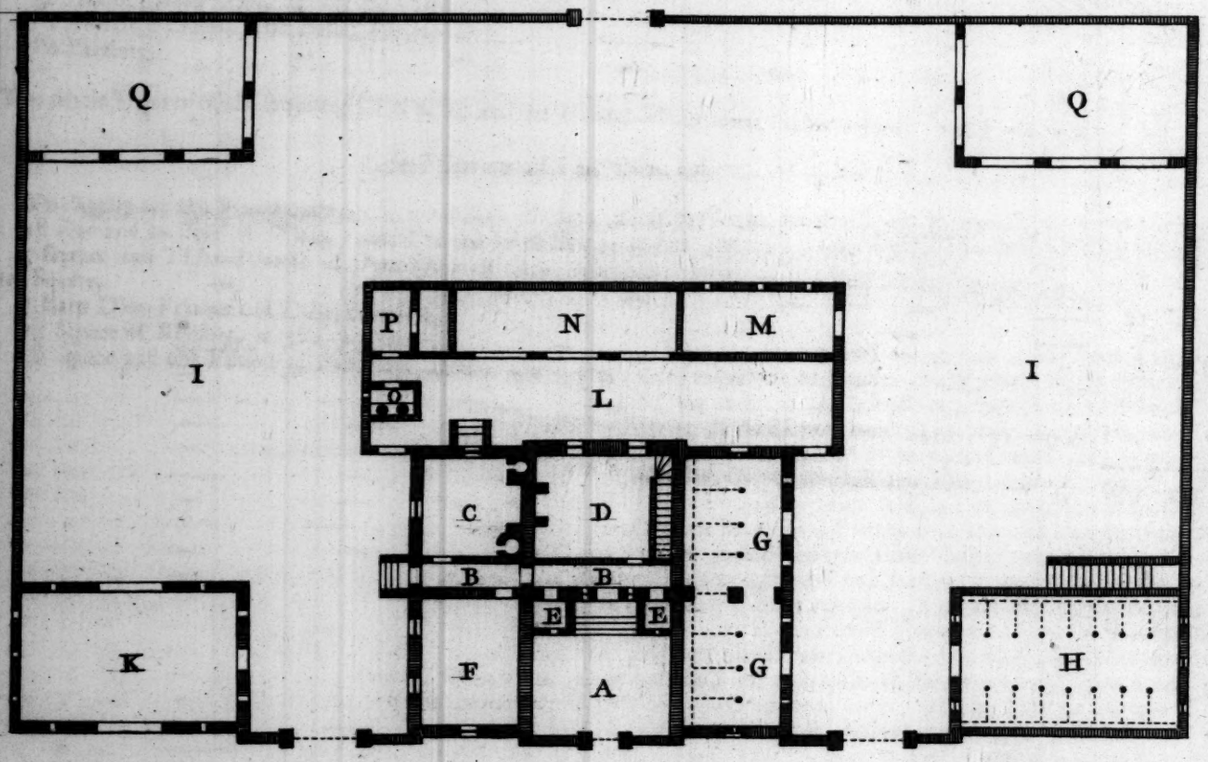


Plate 11.



A Plan and Elevation for the County's of Wilts, Glocester &c.



Scale 10 5 10 20 30 40 50 60 70 80 90 100 110 Feet

Wm. Halfpenny Inv.t

PLATE XI.

THIS Plate ſhews the Plan and Elevation of a Farm-Houſe, ſuppoſed to be built of rough Stone, on a low, moiſt Ground, for which the Floor of the Dwelling-houſe is raiſed 3 Feet above the Surface of the Earth, its Eſtimate is calculated by the Prices of the Counties therein mentioned.

REFERENCES.

	Feet	Inches		Feet	Inches
A, Front Court	21	0	by	16	0
B, B, Paſſage	37	0		4	0
C, Common Kitchen	15	0		15	0
D, Beſt Kitchen or Parlour	18	0		16	0
E, E, Pantries	4	0		4	0
F, Dairy-Room	20	0		15	0
G, G, Stable	42	0		15	0
H, Cow-houſe, and Grainery over it	33	0		21	0
I, I, Barn-yard	175	0		111	0
K, Barn	33	0		21	0
L, Back Court	70	0		14	0
M, Calf-houſe	23	0		9	0
N, Shed	33	0		9	0
O, Bog-houſe	6	0		4	0
P, Hog-ſtye	11	0		9	0
Q, Q, Hovels, or Cart-houſes	32	0		22	0

N. B. Cellars are intended under the Kitchen and Parlour.

The Walls below the Surface of the Earth are two Feet thick, and the firſt Story of the Dwelling-houſe the ſame, the ſecond Story, with the Barn and Cow-houſe, 22 Inches, and all the other Walls 20 Inches thick.

An Eſtimate of the Dwelling-houſe and Stable, mark'd on the Plan A B C D E F G.

	£.	s.	d
To digging the Cellars, and for the Foundations,	4	10	0
618 Perch of rough Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 6 *d. per* Perch,	108	3	0
73 Yards of rough Flagging in the Cellars, at 20 *d. per* Yard,	6	1	8
25 Yards of punch'd, *ditto*, in the common Kitchen, at 2 *s. per* Yard,	2	10	0
85 Yards of gray Stone Pavement, 2 Inches and an Half thick, chiſel'd and laid in Courſes in the beſt Kitchen, Paſſage, Larders, and Dairy-Room, at 3 *s. per* Yard,	12	15	0
12 Cellar Steps of *ditto*, at 2 *s.* 6 *d.* each,	1	10	0
To Steps and half Paces of *ditto* at the Entrance of the 3 Doors,	2	5	0
105 Yards of Pitching in the front Court and Stable, at 15 *d. per* Yard,	6	11	3
17 Square and one Fourth of Joiſt and Boarding in the Chambers and Garrets, at 52 *s. per* Square,	44	17	0
9 Square of *ditto* in the Hay-loft, and over the Dairy-Room, at 50 *s. per* Square,	22	10	0
8 Square and an Half of quarter'd Partitions, at 15 *s. per* Square,	6	7	6
8 Square of Cieling Joiſt and Aſhlers in the Garret, at 16 *s. per* Square,	6	8	0
19 Square and Three-fourths of Roofing over the Dwelling-houſe, at 32 *s. per* Square,	31	12	0
11 Square and an Half of leſſer, *ditto*, over the Dairy and Part of the Stable, at 28 *s. per* Square,	16	2	0
32 Steps of Stairs, with proper Bearers, at 2 *s.* 6 *d.* each,	4	0	0
1 Front Door and Frame,	1	5	0
2 *Ditto* in the back Front and Flank, at 23 *s.* each,	2	6	0
2 *Ditto* to the Stable, at 23 *s.* each,	2	6	0
2 *Ditto* in the Cellar, at 18 *s.* each,	1	16	0
5 *Ditto* within the Houſe, at 18 *s.* each,	4	10	0
2 Doors in the Timber Partitions, at 9 *s.* each,	0	18	0
16 Tranſum Window-Frames, at 8 *s.* 6 *d.* each,	6	14	0
2 Two-light Window-Frames to the Garrets, at 5 *s.* each,	0	10	0

	£.	s.	d.
2 Luthren Window-Frames and Cheeks, at 10 *s.* each,	1	0	0
4 Single light Window-Frames, at 2 *s.* 6 *d.* each,	0	10	0
2 2 Window-boards and Blocks,	1	2	0
To a front Gate and Posts,	1	2	0
To Centers for turning the Arches of the Cellars,	2	5	0
To Dreſſers, Shelves, *&c.*	4	10	0
To Bond Timbers and Lintels,	1	10	0
42 Feet running of Rack and Manger in the Stable, at 3 *s.* 6 *d.* *per* Foot,	7	7	0
32 Square of Pantiling, at 18 *s.* *per* Square,	28	16	0
224 Yards of Lath and Plaiſtering, at 7 *d.* Half-penny *per* Yard,	6	10	6
525 Yards of rendering Walls, at 3 *d.* Half-penny *per* Yard,	7	3	1½
To Smith's Work, for Caſements, Hinges, Locks, Latches, *&c.*	6	10	0
Painter's Work three Times in Oil,	3	10	0
200 Feet of leaded Glaſs, at 7 *d.* *per* Foot,	5	16	8

The whole Expence of the Dwelling-houſe, *&c.* mark'd in the Plan from A to G, — 373 *l.* 19 *s.* 8 *d.* ½

An Eſtimate of the ſmall Buildings and Mound-Walls, mark'd in the Plan L M N O I I Q Q.

	£.	s.	d.
To digging the Bog-houſe, and for the Foundations,	3	0	0
400 Perch of rough Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 4 *d.* *per* Perch,	66	13	4
62 Yards of Brick on Edge Pavement in the Buildings mark'd M N, at 1 *s.* 8 *d.* *per* Yard,	5	3	4
274 Yards of Pitching in the Buildings, *&c.* mark'd L P Q Q, at 15 *d.* *per* Yard,	17	2	6
11 Square of ſmall Roofing over the Sheds, at 24 *s.* *per* Square,	13	4	0
22 Square of *ditto* over Q Q, at 28 *s.* *per* Square,	30	16	0
3 Five-bart'd Gates and Poſts, with Hinges and Staple, at 30 *s.* each,	4	10	0
A Door-Frame and Door, with Hinges, Lock, and Latch, to the Calf-houſe,	1	3	0
To a Gate and Poſt, with Hinges and Staple, to the Hog-ſtye,	0	18	0
2 *Ditto* to the back Court,	2	2	0
To a Bog-houſe, Floor, Seat, Door, Frame, Hinges, and Bolt,	1	10	0
34 Square and an Half of Pantiling, at 18 *s.* *per* Square,	14	1	0

The whole Expence of the ſmall Buildings, Mound-Walls, *&c.* mark'd L M N O I I Q Q, 160 *l.* 3 *s.* 2 *d.*

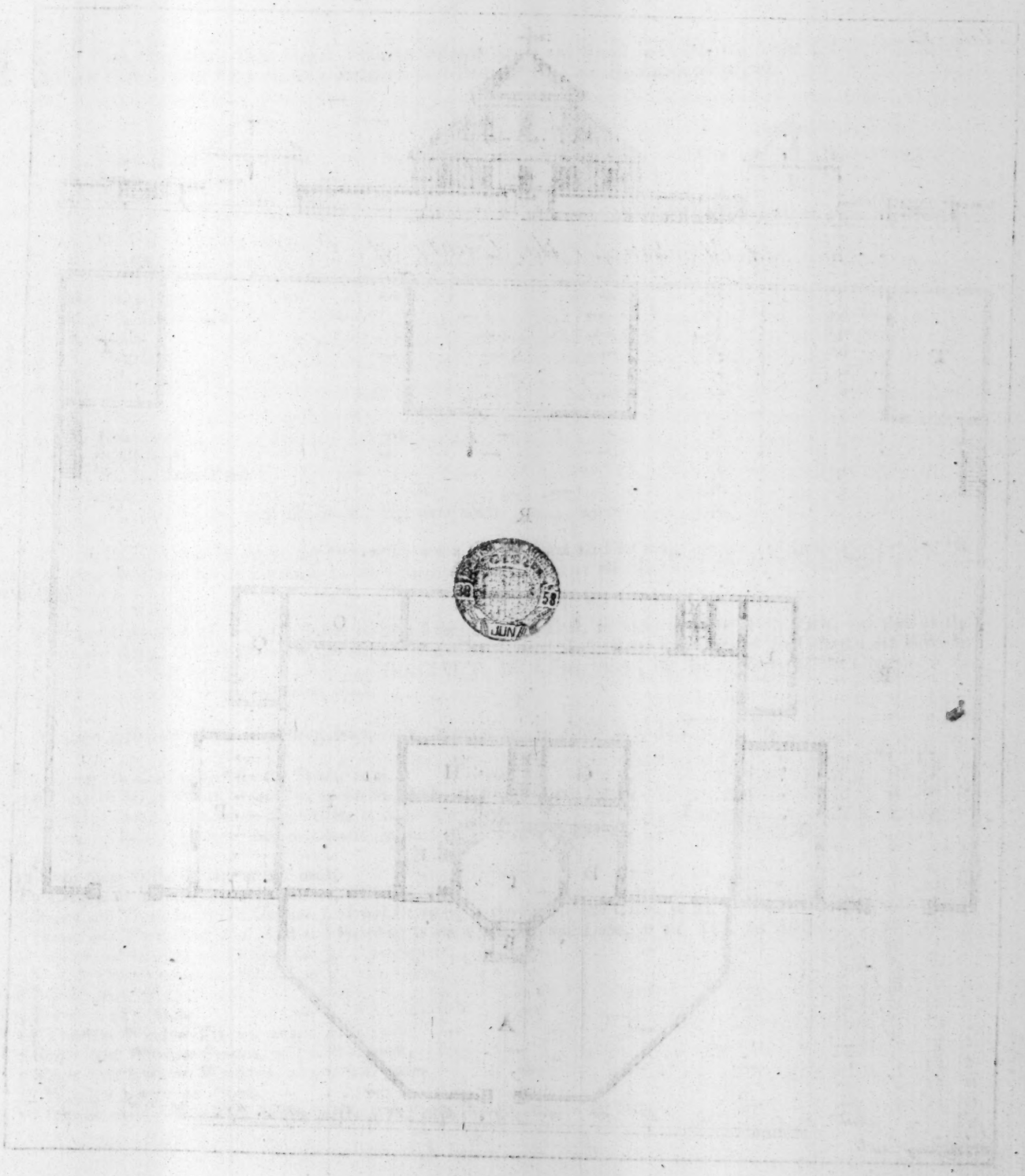
An Eſtimate of the Cow-houſe, with the Grainery over it.

	£.	s.	d.
To digging for the Foundations,	0	6	0
178 Perch of rough Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 4 *d.* *per* Perch,	29	13	4
14 Stone Steps to the Grainery, at 2 *s.* 6 *d.* each,	1	15	0
54 Yards of Pitching, at 15 *d.* *per* Yard,	3	7	6
6 Square and Three-fourths of Joiſt and Boarding, at 2 *l.* 12 *s.* *per* Square,	16	13	8
11 Square of Roofing, at 28 *s.* *per* Square,	15	8	0
1 Door-Frame and Door, with Hinges and Latch,	1	1	0
16 Cow-ſtalls, at 14 *s.* each,	11	4	0
11 Square and an Half of Pantiling, at 18 *s.* *per* Square,	10	7	0
1 Door and Frame, with Hinges and Lock,	1	1	0
1 Window-Frame glazed,	0	12	0
To Painting,	0	3	6

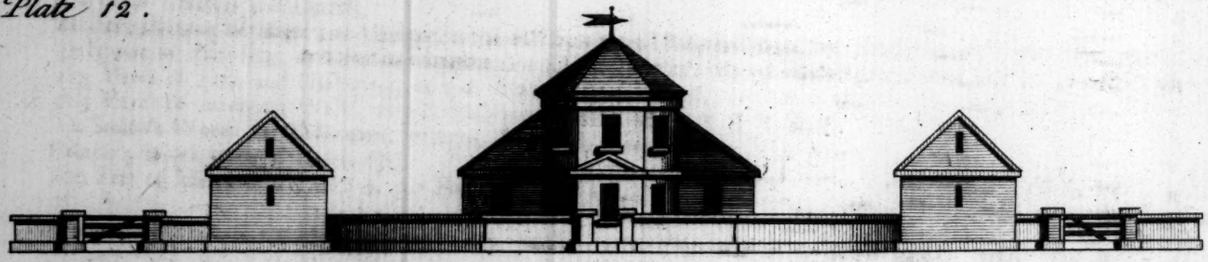
The whole Expence of the Cow-houſe, and Grainery over it, — 91 *l.* 12 *s.* 0 *d.*

An Eſtimate of the Barn only.

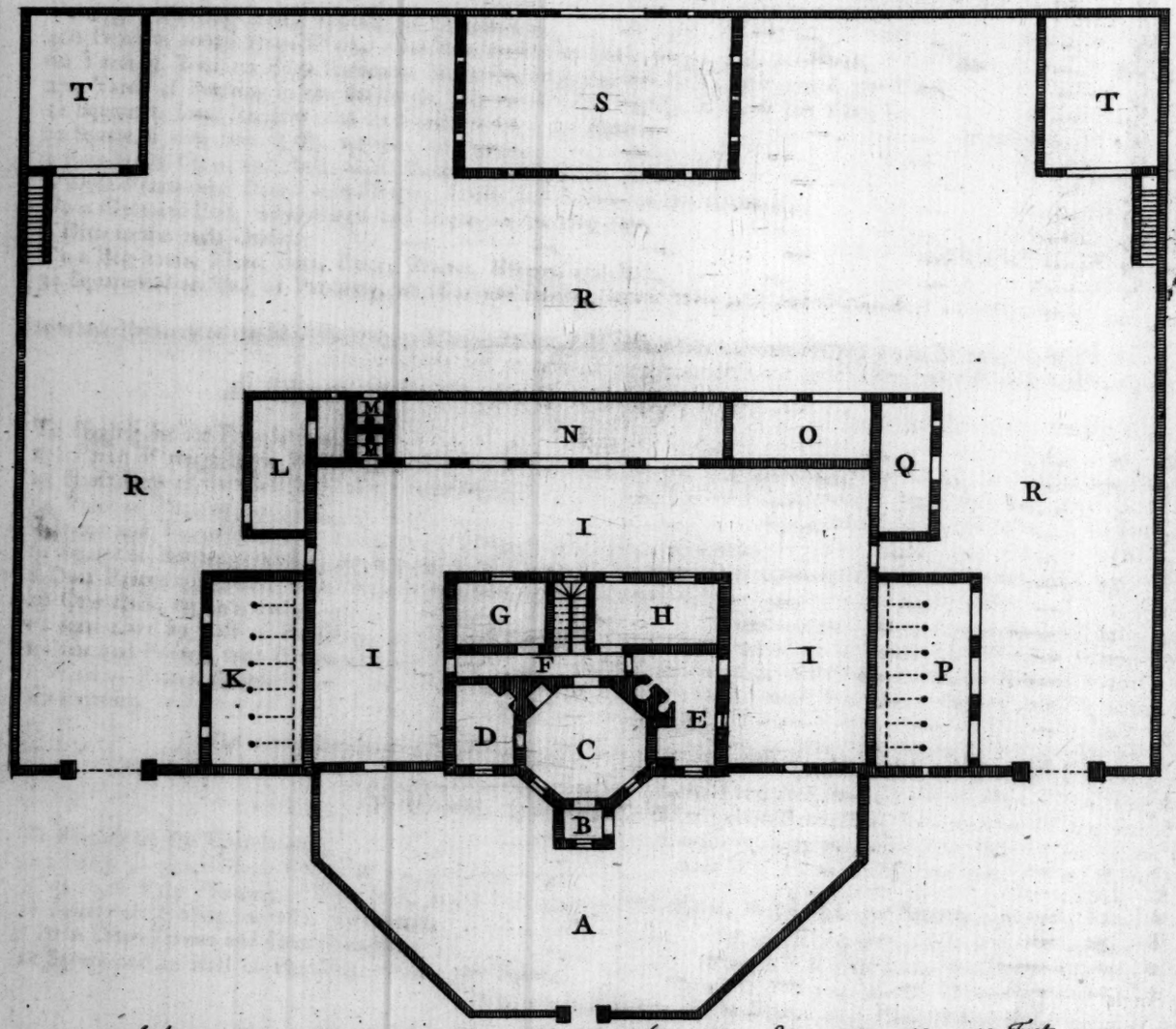
	£.	s.	d.
To digging for the Foundations,	0	5	0
212 Perch of rough Stone Walls, at 3 *s.* 4 *d.* *per* Perch,	35	6	8
3 Square of Barn Flooring of Oak Joiſt, and 2 Inch and an Half Plank, at 4 *l.* 2 *s.* *per* Square,	12	6	0
11 Square of Roofing, at 28 *s.* *per* Square,	15	8	0
2 Barn Door-Frames and Doors compleat,	9	0	0
11 Square and an Half of Pantiling, at 18 *s.* *per* Square,	10	7	0
The whole Expence of the Barn, — 82 *l.* 12 *s.* 8 *d.*			
Total Expence of the whole Buildings, *&c.* — *£.*	708	7	6½



Platz 12.



A Plan and Elevation for the County of Oxon &c.



Wm Halfpenny Inv.t

PLATE XII.

THIS Plate repreſents a Farm-Houſe, with an Octagon Room and Porch in Front, and proper Offices, ſuppoſed to be built of Stone, the Eſtimates are calculated by the Prices of the Counties therein mentioned.

REFERENCES.

	Feet	Inches		Feet	Inches
A, Front Court	85	0	by	38	0
B, Porch	6	0		5	0
C, Parlour	18	0		18	0
D, Cloſet	13	0		9	0
E, Kitchen	17	6		9	0
F, Paſſage	26	0		4	0
G, Pantry	13	6		10	0
H, Dairy-Room	18	6		10	0
I, I, I, Court-yard	87	0		47	0
K, Stable	29	0		14	0
L, Hog-ſtye	20	0		14	0
M, M, Bog-houſes	4	6		4	6
N, Sheds	52	0		9	0
O, *Ditto*	22	0		9	0
P, Cow-houſe	29	0		14	0
Q, Calf-houſe	20	0		7	6
R, R, R, Barn-Yard	178	0		119	0
S, Barn	42	0		24	6
T, T, Cart-houſes, with Graineries, *&c.* over them	24	6		17	6

N. B. A Cellar is intended under the Parlour C, and a Flat of Lead 16 Feet long over the Paſſage above the Chamber Story, to give Head-way for an Entrance to the Chamber over C, and to the ſhedded Lofts for Servants Beds, *&c.* over D G H E.

The Floor of the Hay-loft over the Stable to be 2 Feet below the Eves, in order to come at the Rack, and that of the Cow-houſe the ſame. All Walls below the Surface of the Earth, and thoſe of the firſt Story of the Octagon and Barn up to the Wall-Plate, and firſt Story of Buildings mark'd T T, are 2 Feet thick; the ſecond Story of the Octagon is 22 Inches, and all the other Walls 20 Inches thick.

An Eſtimate of the Dwelling-houſe only, mark'd on the Plan B C D E F G H.

	L.	*s.*	*d.*
To digging the Cellars, and for the Foundations,	2	15	0
369 Perch of Stone Walls, reduc'd to 20 Inches thick, at 3 *s.* 6 *d. per* Perch,	64	11	6
33 Yards of Stone Pavement in the Cellar, at 20 *d. per* Yard,	2	15	0
50 Yards of Stone Pavement laid in Courſes in the Porch, Kitchen, Paſſage, Larder, and Dairy, at 2 *s.* 6 *d. per* Yard,	6	5	0
12 Stone Steps to the Cellar, at 2 *s.* each,	1	4	0
To Centers for turning the arch'd Cellar,	1	10	0
3 Square and Three-fourths of Ground Joiſt and Boarding in the Parlour and Cloſet, at 2 *l.* 15 *s. per* Square,	10	6	3
9 Square and Three-fourths of Joiſt and Boarding in the Chambers and Lofts, at 2 *l.* 15 *s. per* Square,	26	16	3
21 Square and an Half of Roofing, at 30 *s. per* Square,	32	5	0
3 Outſide Door-Frames and Doors, at 1 *l.* 2 *s.* each,	3	6	0
8 Inſide, *ditto*, at 20 *s.* each,	8	0	0
5 *Ditto*, at 18 *s.* each,	4	10	0
13 Tranſum Window-Frames, at 9 *s.* each,	5	17	0
2 Single light Window-Frames, at 2 *s.* 6 *d.* each,	0	5	0
3 Single light Luthren Windows, at 5 *s.* 6 *d.* each,	0	16	6
15 Window-boards and Blocks,	0	15	0
17 Steps of Stairs, with Rail, String-board, and proper Bearers, at 3 *s. per* Step,	2	11	0

To

	£.	s.	d.
To Dreſſers, Shelves, &c.	3	0	0
To Lintels and Bond Timbers,	1	5	0
22 Square and an Half of Pantiling, at 18 s. *per* Square,	20	5	0
275 Yards of Lath and Plaiſtering, at 7 d. Half penny *per* Yard,	8	11	10 ½
455 Yards of rendering Walls, at 3 d. Half-penny *per* Yard,	6	12	8 ½
To Smith's Work, for Caſements, Locks, Hinges, Latches, &c.	4	10	0
To Plumber's Work, to the Flat over the Paſſage,	5	12	0
To Painter's Work,	3	0	0
158 Feet of leaded Glaſs, at 7 d. *per* Foot,	4	12	2

The whole Expence of the Dwelling-houſe, mark'd in the Plan B C D E F G H, — 231 l. 17 s. 3 d.

An Eſtimate of the Buildings, Mound-Walls, &c. *mark'd in the Plan by the Letters* A K L M N O P Q R R R I I I.

	£.	s.	d.
To digging the Bog-houſes, and for the Foundations,	3	10	0
572 Perch of Stone Walls, reduc'd to 20 Inches thick, at 3 s. 4 d. *per* Perch,	95	6	8
530 Yards of Pitching in a Walk of 8 Feet wide at A, and in K L N O Q P I I I, at 15 d. *per* Yard,	33	2	6
9 Square of Joiſt and Boarding to the Lofts over the Stable and Cow-houſe, at 50 s. *per* Square,	22	10	0
17 Square of Roofing over *ditto*, at 28 s. *per* Square,	23	16	0
18 Square and one Fourth of *ditto* over M N O Q, at 24 s. *per* Square,	21	18	0
To a Gate, with Poſts, Hinges and Lock at the Entrance of the front Court,	1	5	0
4 *Ditto* in the Court-yard I I I, at 22 s. each,	4	8	0
1 *Ditto* to the Hog-ſtye,	0	18	0
2 Five-barr'd Gates, with Poſts, Hinges, and Staples, at 30 s. each,	3	0	0
1 Stable Door and Frame, with Hinges, Lock, and Latch,	1	5	0
1 *Ditto* to the Calf houſe,	1	3	0
2 *Ditto* to the Loſts,	2	2	0
37 Square of Pantiling, at 18 s. *per* Square,	33	6	0

The whole Expence of the Buildings, Mound-Walls, &c. mark'd A K L M N O P R I, 247 l. 10 s. 2 d.

An Eſtimate of the Cart-houſes, and Loſts over them, mark'd in the Plan T T.

	£.	s.	d.
To digging for the Foundations,	7	6	0
268 Perch of Stone Wall, reduc'd to 20 Inches thick, at 3 s. 4 d. *per* Perch,	44	13	4
30 Stone Steps, at 2 s. each,	3	0	0
91 Yards of Pitching, at 15 d. *per* Yard,	5	13	9
8 Square and one Fourth of Joiſt and Boarding, at 52 s. *per* Square,	21	9	0
14 Square and an Half of Roofing over *ditto*, at 28 s. *per* Square,	20	6	0
2 Door-Frames, with Doors, Hinges, and Latches, at 23 s. each,	2	6	0
2 Two-light Window-Frames, at 6 s. each,	0	12	0
18 Feet and an Half of leaded Glaſs to *ditto*, at 7 d. *per* Foot,	0	10	9 ½
15 Square and one Fourth of Pantiling, at 18 s. *per* Square,	13	14	6

The whole Expence of the Buildings mark'd T T, — 119 l. 11 s. 4 d. ½.

An Eſtimate of the Barn only.

	£.	s.	d.
To digging for the Foundations,	0	4	6
382 Perch of Stone Walls, reduc'd to 20 Inches thick, at 3 s. 4 d. *per* Perch,	63	13	4
16 Square and one Fourth of Roofing, at 32 s. *per* Square,	26	0	0
3 Square and an Half of Barn Flooring of Ground Joiſt, and 2 Inch and an Half Plank, at 4 l. 2 s. *per* Square,	14	7	0
2 Barn Door-Frames compleat,	9	0	0
17 Square of Pantiling, at 18 s. *per* Square,	15	6	0

The whole Expence of the Barn — 128 l. 10 s. 10 d.

Total Expence of all the Buildings, — £. 727 9 7 ½

F I N I S.